

# Product Data Sheet

## Anti-EEF1A (AcK146) Antibody

| Catalog #                                                                                                                                                                                                                                                                                                                             | Source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Reactivity    | Applications |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|
| CPA5365                                                                                                                                                                                                                                                                                                                               | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | H, M, R, B, C | WB           |
| Description                                                                                                                                                                                                                                                                                                                           | Rabbit polyclonal antibody to EEF1A (AcK146)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |              |
| Immunogen                                                                                                                                                                                                                                                                                                                             | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human EEF1A. The exact sequence is proprietary.                                                                                                                                                                                                                                                                                                                                                                                  |               |              |
| Purification                                                                                                                                                                                                                                                                                                                          | The antibody was purified by affinity chromatography.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |              |
| Specificity                                                                                                                                                                                                                                                                                                                           | Recognizes endogenous levels of EEF1A (AcK146) protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |              |
| Clonality                                                                                                                                                                                                                                                                                                                             | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |              |
| Conjugation                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
| Form                                                                                                                                                                                                                                                                                                                                  | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                             |               |              |
| Dilution                                                                                                                                                                                                                                                                                                                              | WB (1/500 - 1/2000)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |              |
| Gene Symbol                                                                                                                                                                                                                                                                                                                           | EEF1A1; EEF1A2; EEF1A1P5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |              |
| Alternative Names                                                                                                                                                                                                                                                                                                                     | EEF1A1; EEF1A; EF1A; LENG7; Elongation factor 1-alpha 1; EF-1-alpha-1; Elongation factor Tu; EF-Tu; Eukaryotic elongation factor 1 A-1; eEF1A-1; Leukocyte receptor cluster member 7; EEF1A2; EEF1AL; STN; Elongation factor 1-alpha 2; EF-1-alpha-2; Eukaryotic elongation factor 1 A-2; eEF1A-2; Statin-S1; EEF1A1P5; EEF1AL3; Putative elongation factor 1-alpha-like 3; EF-1-alpha-like 3; Eukaryotic elongation factor 1 A-like 3; eEF1A-like 3; Eukaryotic translation elongation factor 1 alpha-1 pseudogene 5 |               |              |
| Entrez Gene                                                                                                                                                                                                                                                                                                                           | 1915, 1917 (Human); 13627, 13628 (Mouse); 171361, 24799 (Rat)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |              |
| SwissProt                                                                                                                                                                                                                                                                                                                             | P68104, Q05639, Q5VTE0 (Human); P10126, P62631 (Mouse); P62630, P62632 (Rat)                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |              |
| Storage/Stability                                                                                                                                                                                                                                                                                                                     | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |              |
| Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
| Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |

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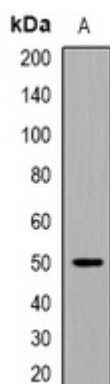
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## Product Data Sheet

freeze/thaw cycles.



Western blot analysis of EEF1A (AcK146) expression in H9C2 PMA-treated (A) whole cell lysates.

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