

# Product Data Sheet

## Anti-CD271 Antibody

| Catalog #                | Source                                                                                                                                                                                         | Reactivity           | Applications |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------|
| CPA1812                  | Rabbit                                                                                                                                                                                         | H, M, R, B, D, Mk, P | WB           |
| <b>Description</b>       | Rabbit polyclonal antibody to CD271                                                                                                                                                            |                      |              |
| <b>Immunogen</b>         | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD271. The exact sequence is proprietary.                                                           |                      |              |
| <b>Purification</b>      | The antibody was purified by immunogen affinity chromatography.                                                                                                                                |                      |              |
| <b>Specificity</b>       | Recognizes endogenous levels of CD271 protein.                                                                                                                                                 |                      |              |
| <b>Clonality</b>         | Polyclonal                                                                                                                                                                                     |                      |              |
| <b>Form</b>              | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                                                                      |                      |              |
| <b>Dilution</b>          | WB (1/500 - 1/1000)                                                                                                                                                                            |                      |              |
| <b>Gene Symbol</b>       | NGFR                                                                                                                                                                                           |                      |              |
| <b>Alternative Names</b> | TNFRSF16; Tumor necrosis factor receptor superfamily member 16; Gp80-LNGFR; Low affinity neurotrophin receptor p75NTR; Low-affinity nerve growth factor receptor; NGF receptor; p75 ICD; CD271 |                      |              |
| <b>Entrez Gene</b>       | 4804 (Human); 24596 (Rat)                                                                                                                                                                      |                      |              |
| <b>SwissProt</b>         | P08138 (Human); Q9Z0W1 (Mouse); P07174 (Rat)                                                                                                                                                   |                      |              |
| <b>Storage/Stability</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.                                                                                               |                      |              |

**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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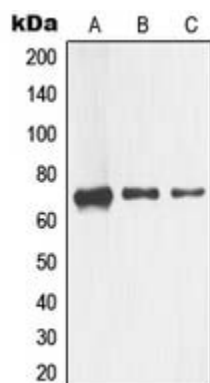
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Western blot analysis of CD271 expression in HEK293 (A), Raw264.7 (B), PC12 (C) whole cell lysates.

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