

## Product Data Sheet

## Anti-Beta-catenin Antibody

| Catalog #                | Source                                                                                                                                      | Reactivity    | Applications |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|
| CPA7175                  | Rabbit                                                                                                                                      | H, M, R, B, D | WB           |
| <b>Description</b>       | Rabbit polyclonal antibody to Beta-catenin                                                                                                  |               |              |
| <b>Immunogen</b>         | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Beta-catenin. The exact sequence is proprietary. |               |              |
| <b>Purification</b>      | The antibody was purified by immunogen affinity chromatography.                                                                             |               |              |
| <b>Specificity</b>       | Recognizes endogenous levels of Beta-catenin 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>       | CTNNB1                                                                                                                                      |               |              |
| <b>Alternative Names</b> | CTNNB; Catenin beta-1; Beta-catenin                                                                                                         |               |              |
| <b>Entrez Gene</b>       | 1499 (Human); 12387 (Mouse); 84353 (Rat)                                                                                                    |               |              |
| <b>SwissProt</b>         | P35222 (Human); Q02248 (Mouse); Q9WU82 (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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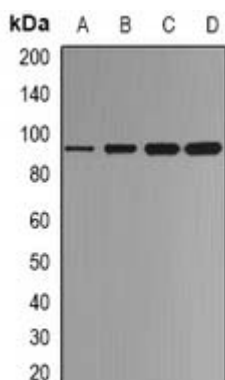
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Western blot analysis of Beta-catenin expression in HEK293T (A), NIH3T3 (B), MCF7 (C), A549 (D) whole cell lysates.

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