

# Product Data Sheet

## Anti-Beta-tubulin Antibody

| Catalog #                | Source                                                                                                              | Reactivity | Applications |
|--------------------------|---------------------------------------------------------------------------------------------------------------------|------------|--------------|
| CPA9247                  | Rabbit                                                                                                              | H, M, R    | WB, IH       |
| <b>Description</b>       | Rabbit polyclonal to Beta-tubulin                                                                                   |            |              |
| <b>Immunogen</b>         | Recombinant protein corresponding to human Beta-tubulin.                                                            |            |              |
| <b>Purification</b>      | The antibody was purified by affinity chromatography.                                                               |            |              |
| <b>Specificity</b>       | Recognizes endogenous levels of Beta-tubulin protein.                                                               |            |              |
| <b>Clonality</b>         | Polyclonal                                                                                                          |            |              |
| <b>Form</b>              | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 0.2% BSA, 30% glycerol, and 0.01% sodium azide. |            |              |
| <b>Dilution</b>          | WB (1/1000 - 1/3000), IH (1/50 - 1/100)                                                                             |            |              |
| <b>Gene Symbol</b>       | TUBB3                                                                                                               |            |              |
| <b>Alternative Names</b> | TUBB4; Tubulin beta-3 chain; Tubulin beta-4 chain; Tubulin beta-III                                                 |            |              |
| <b>Entrez Gene</b>       | 10381 (Human); 22152 (Mouse); 246118 (Rat)                                                                          |            |              |
| <b>SwissProt</b>         | Q13509 (Human); Q9ERD7 (Mouse); Q4QRB4 (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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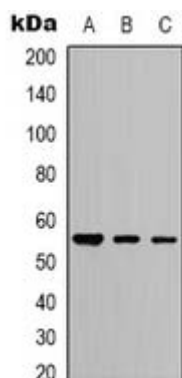
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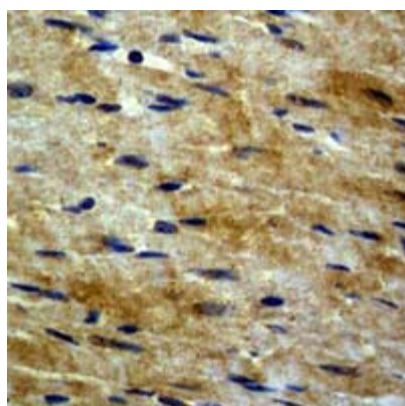
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## Product Data Sheet



Western blot analysis of Beta-tubulin expression in Hela (A), mouse brain (B), rat brain (C) whole cell lysates.



Immunohistochemical analysis of Beta-tubulin staining in mouse heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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