

Anti-Beta-tubulin Antibody

Catalog #	Source	Reactivity	Applications
CPA9247	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to Beta-tubulin		
Immunogen	Recombinant protein corresponding to human Beta-tubulin.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Beta-tubulin protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 0.2% BSA, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/3000 - 1/10000), IH (1/50 - 1/100)		
Gene Symbol	TUBB3		
Alternative Names	TUBB4; Tubulin beta-3 chain; Tubulin beta-4 chain; Tubulin beta-III		
Entrez Gene	10381 (Human); 22152 (Mouse); 246118 (Rat)		
SwissProt	Q13509 (Human); Q9ERD7 (Mouse); Q4QRB4 (Rat)		
Storage/Stability	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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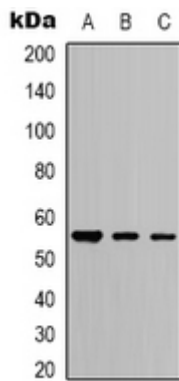
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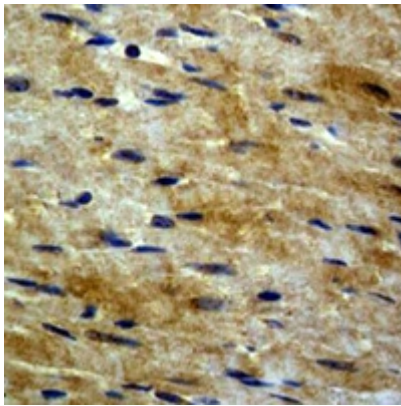
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Product Data Sheet



Western blot analysis of Beta-tubulin expression in HeLa (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 50 kD; Observed band size: 55 kD)



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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