

Product Data Sheet

Anti-Alpha-tubulin Antibody

Catalog #	Source	Reactivity	Applications
CPA7411	Rabbit	H, M, R, B, C	WB
Description	Rabbit polyclonal antibody to Alpha-tubulin		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Alpha-tubulin. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Alpha-tubulin 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	TUBA1A; TUBA1B; TUBA1C; TUBA3C; TUBA4A; TUBA8		
Alternative Names	TUBA1A; TUBA3; Tubulin alpha-1A chain; Alpha-tubulin 3; Tubulin B-alpha-1; Tubulin alpha-3 chain; TUBA1B; Tubulin alpha-1B chain; Alpha-tubulin ubiquitous; Tubulin K-alpha-1; Tubulin alpha-ubiquitous chain; TUBA1C; TUBA6; Tubulin alpha-1C chain; Alpha-tub		
Entrez Gene	7846, 10376, 84790, 113457, 7278, 7277, 1962, 51807 (Human); 22142, 22143, 22146 (Mouse); 64158, 500929, 100909441 (Rat)		
SwissProt	Q71U36, P68363, Q9BQE3, Q13748, P68366, Q9NY65 (Human); P68369, P05213, P68373 (Mouse); P68370, Q6P9V9, Q6AYZ1 (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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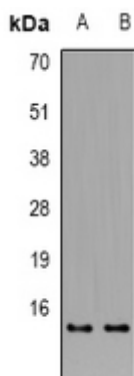
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Western blot analysis of Alpha-tubulin expression in Hela (A), HEK293T (B) whole cell lysates. (Predicted band size: 50; 49 kD; Observed band size: 15 kD)

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