

Product Data Sheet

Alpha-tubulin Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP7411	Synthetic	H, M, R, B, C	BL
Description	The peptide is used to block Anti-Alpha-tubulin Antibody (#CPA7411) reactivity.		
Form	Lyophilized powder		
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)		
Purity	>85%		
Quality Control	The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry.		
Directions for Use	Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4°C for overnight or at room temperature for 2 hours.		
Storage/Stability	Shipped at 4°C. Store at -20°C for one year.		

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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