

Product Data Sheet

Actin-pan (AcK52/50/51) Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP6223	Synthetic	H, M, R, B, C, P	BL
Description	The peptide is used to block Anti-Actin-pan (AcK52/50/51) Antibody (#CPA6223) reactivity.		
Form	Lyophilized powder		
Gene Symbol	ACTA2; ACTB; ACTC1; ACTG1; ACTG2; ACTA1		
Alternative Names	ACTA2; ACTSA; ACTVS; GIG46; Actin aortic smooth muscle; Alpha-actin-2; Cell growth-inhibiting gene 46 protein; ACTB; Actin cytoplasmic 1; Beta-actin; ACTC1; ACTC; Actin alpha cardiac muscle 1; Alpha-cardiac actin; ACTG1; ACTB; ACTG; Actin cytoplasmic 2; G		
Entrez Gene	59, 60, 70, 71, 72, 58 (Human); 11475, 11461, 11464, 11465 (Mouse); 81633, 81822, 29275, 100361457 (Rat)		
SwissProt	P62736, P60709, P68032, P63261, P63267, P68133 (Human); P62737, P60710, P68033, P63260 (Mouse); P62738, P60711, P68035, P63259 (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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