

Product Data Sheet

ACTN1/2/3/4 Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP3466	Synthetic	H, M, R, B, C, Z	BL
Description	The peptide is used to block Anti-ACTN1/2/3/4 Antibody (#CPA3466) reactivity.		
Form	Lyophilized powder		
Gene Symbol	ACTN1; ACTN2; ACTN3; ACTN4		
Alternative Names	ACTN1; Alpha-actinin-1; Alpha-actinin cytoskeletal isoform; F-actin cross-linking protein; Non-muscle alpha-actinin-1; ACTN2; Alpha-actinin-2; Alpha-actinin skeletal muscle isoform 2; F-actin cross-linking protein; ACTN3; Alpha-actinin-3; Alpha-actinin sk		
Entrez Gene	87; 88; 89; 81 (Human); 109711; 11472; 11474; 60595 (Mouse); 81634; 63836 (Rat)		
SwissProt	P12814; P35609; Q08043; O43707 (Human); Q7TPR4; Q9JI91; O88990; P57780 (Mouse); Q9Z1P2; Q9QXQ0 (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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com