

Product Data Sheet

PI3K p110 alpha Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP4154	Synthetic	H, M, R	BL
Description	The peptide is used to block Anti-PI3K p110 alpha Antibody (#CPA4154) reactivity.		
Form	Lyophilized powder		
Gene Symbol	PIK3CA		
Alternative Names	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform; PI3-kinase subunit alpha; PI3K-alpha; PI3Kalpha; PtdIns-3-kinase subunit alpha; Phosphatidylinositol 4,5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha; PtdIns-3-kinase		
Entrez Gene	5290 (Human); 18706 (Mouse)		
SwissProt	P42336 (Human); P42337 (Mouse)		
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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