

Product Data Sheet

PKC iota/zeta (pT412/410) Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP4495	Synthetic	H, M, R, D, Rb, Z	BL
Description	The peptide is used to block Anti-PKC iota/zeta (pT412/410) Antibody (#CPA4495) reactivity.		
Form	Lyophilized powder		
Gene Symbol	PRKCI; PRKCZ		
Alternative Names	DXS1179E; Protein kinase C iota type; Atypical protein kinase C-lambda/iota; PRKC-lambda/iota; aPKC-lambda/iota; nPKC-iota; PKC2; Protein kinase C zeta type; nPKC-zeta		
Entrez Gene	5584, 5590 (Human); 18759, 18762 (Mouse); 84006, 25522 (Rat)		
SwissProt	P41743, Q05513 (Human); Q62074, Q02956 (Mouse); F1M7Y5, P09217 (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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