

Product Data Sheet

PRKD1/2/3 (pS738/S742) Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP4448	Synthetic	H, M, R, B, Mk, P, S	BL
Description	The peptide is used to block Anti-PRKD1/2/3 (pS738/S742) Antibody (#CPA4448) reactivity.		
Form	Lyophilized powder		
Gene Symbol	PRKD1; PRKD2; PRKD3		
Alternative Names	PRKD1; PKD; PKD1; PRKCM; Serine/threonine-protein kinase D1; Protein kinase C mu type; Protein kinase D; nPKC-D1; nPKC-mu; PRKD2; PKD2; HSPC187; Serine/threonine-protein kinase D2; nPKC-D2; PRKD3; EPK2; PRKCN; Serine/threonine-protein kinase D3; Protein k		
Entrez Gene	5587, 25865, 23683 (Human); 18760, 101540, 75292 (Mouse); 85421, 292658 (Rat)		
SwissProt	Q15139, Q9BZL6, O94806 (Human); Q62101, Q8BZ03, Q8K1Y2 (Mouse); Q9WTQ1, Q5XIS9 (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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