

Product Data Sheet

CaMK2 alpha/beta/delta (pT305) Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP5734	Synthetic	H, M, R, B, C, P, Rb, Z	BL
Description	The peptide is used to block Anti-CaMK2 alpha/beta/delta (pT305) Antibody (#CPA5734) reactivity.		
Form	Lyophilized powder		
Gene Symbol	CAMK2A		
Alternative Names	CAMK2A; CAMKA; KIAA0968; Calcium/calmodulin-dependent protein kinase type II subunit alpha; CaM kinase II subunit alpha; CaMK-II subunit alpha; CAMK2B; CAM2; CAMK2; CAMKB; Calcium/calmodulin-dependent protein kinase type II subunit beta; CaM kinase II sub		
Entrez Gene	816, 817 (Human); 12322, 12323, 108058 (Mouse); 25400, 24245, 24246 (Rat)		
SwissProt	Q9UQM7, Q13554, Q13557 (Human); P11798, P28652, Q6PHZ2 (Mouse); P11275, P08413, P15791 (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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