

Product Data Sheet

Anti-CaMK2 beta Antibody

Catalog #	Source	Reactivity	Applications
CPA1127	Rabbit	H, M, R, Mk	WB
Description	Rabbit polyclonal antibody to CaMK2 beta		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CaMK2 beta. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of CaMK2 beta protein.		
Clonality	Polyclonal		
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000)		
Gene Symbol	CAMK2B		
Alternative Names	CAM2; CAMK2; CAMKB; Calcium/calmodulin-dependent protein kinase type II subunit beta; CaM kinase II subunit beta; CaMK-II subunit beta		
Entrez Gene	816 (Human); 12323 (Mouse); 24245 (Rat)		
SwissProt	Q13554 (Human); P28652 (Mouse); P08413 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

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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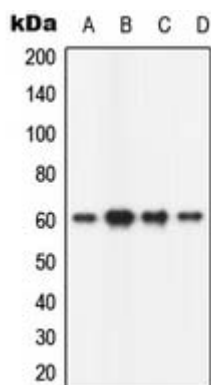
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Western blot analysis of CaMK2 beta expression in HeLa (A), mouse brain (B), rat brain (C), PC12 (D) whole cell lysates.

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