

For Research Use Only

CaMKII Delta Polyclonal antibody

Catalog Number: 15443-1-AP **5 Publications**



Basic Information

Catalog Number: 15443-1-AP	GenBank Accession Number: BC032784	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 817	
Source: Rabbit	UNIPROT ID: Q13557	
Isotype: IgG	Full Name: calcium/calmodulin-dependent protein kinase II delta	
Immunogen Catalog Number: AG7323	Calculated MW: 59 kDa	
	Observed MW: 64 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
WB, IF

Species Specificity:
human, mouse, rat

Cited Species:
mouse, rat

Background Information

CaMKII delta, also named as CAMKD and CaMKII delta, belongs to the protein kinase superfamily, CAMK Ser/Thr protein kinase family and CaMK subfamily. CaM-kinase II (CAMK2) is a prominent kinase in the central nervous system that may function in long-term potentiation and neurotransmitter release, composed of four different chains: alpha, beta, gamma, and delta. The CAMK2 protein kinases contain a unique C-terminal subunit association domain responsible for oligomerization. The different chains assemble into homo- or heteromultimeric holoenzymes composed of 8 to 12 subunits. This antibody may have cross reaction with CAMK2A/B/G due to the high homology.

Notable Publications

Author	Pubmed ID	Journal	Application
Shaoshao Zhang	34628110	Cell Calcium	WB
Jiali Nie	30488495	J Cell Physiol	WB
Xiuhuan Chen	32629001	Life Sci	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data