

Anti-CaMKII delta Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

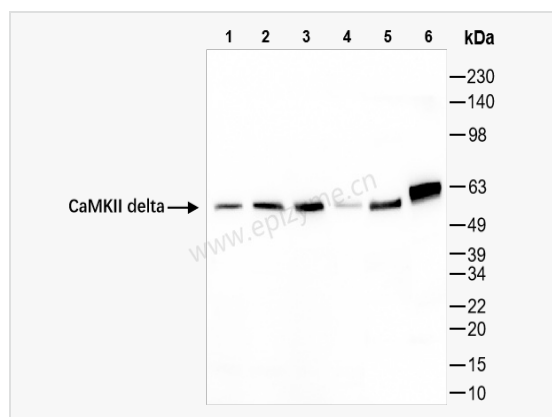
Catalog # R010843

Product Information

Application	WB, ELISA
Reactivity	Human, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	93K60L89
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human CaMKII delta
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CaMKII delta Rabbit mAb [93K60L89] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CAMKD; CAMK2D; Calcium/calmodulin-dependent protein kinase type II subunit delta; CaM kinase II subunit delta; CaMK-II subunit delta.
Calculated MW	Calculated MW: 56 kDa; Observed MW: 56 kDa
Uniprot ID	Q13557
Gene ID	817
Background	The product of this gene belongs to the serine/threonine protein kinase family and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. Calcium signaling is crucial for several aspects of plasticity at glutamatergic synapses. In mammalian cells, the enzyme is composed of four different chains: alpha, beta, gamma, and delta. The product of this gene is a delta chain. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Distinct isoforms of this chain have different expression patterns.[provided by RefSeq, Nov 2008]
Cellular Location	Cell membrane.Sarcolemma.Peripheral membrane protein.Cytoplasmic side.Sarcoplasmic reticulum membrane.Peripheral membrane protein.Cytoplasmic side.



Western Blot - Anti-CaMKII delta Rabbit mAb [93K60L89]

All lanes: R010843 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: 293T (Human embryonic kidney cell) whole cell lysates

Lane 5: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

Lane 6: Rat brain whole tissue lysates

Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 56 kDa

Observed band size: 56 kDa

Developed using the ECL technique (Cat. No. SQ201).