

Product Name: KO-Validated CAMK2D Recombinant Rabbit Monoclonal Antibody
Catalog #: KVAb00158

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 56.4kDa

Antigen Information

Gene Name	CAMK2D
Alternative Names	CAMK2D; Calcium/Calmodulin Dependent Protein Kinase II Delta;CAMKD; Calcium/Calmodulin-Dependent Protein Kinase (CaM Kinase) II Delta; Calcium/Calmodulin-Dependent Protein Kinase Type II Subunit Delta; EC 2.7.11.17; Calcium/Calmodulin-Dependent Protein Kinase Type II Delta Chain; CaM Kinase II Delta Subunit; CaM Kinase II Subunit Delta; CaM-Kinase II Delta Chain; CaMK-II Delta Subunit; CaMK-II Subunit Delta; EC 2.7.11
Gene ID	817.0
SwissProt ID	Q13557
Immunogen	A synthesized peptide derived from human CaMKII delta

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]

Research Area

Neuroscience,Signal Transduction,Cardiovascular,Cancer,Metabolism

Image Data

