

CAMK2D

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:1000 IHC 1:50 - 1:100 IF 1:20 - 1:50

Calculated MW: 56kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human CAMK2D

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CAMKD; DKFZp686G23119; DKFZp686I2288; MGC44911

Catalog #: A0656

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 817

Isotype: IgG

Swiss Prot: Q13557

Purity: Affinity purification

For research use only.

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]

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