

Product datasheet for TA357876

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CAMK2D Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Specificity: Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish

Homology: Cow: 100%; Dog: 92%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse:

100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity Purified Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 53kDa

Gene Name: calcium/calmodulin dependent protein kinase II delta

Database Link: NP 742113

Entrez Gene 817 Human

A8MVS8

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.





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Synonyms: CAMKD; DKFZp686G23119; DKFZp686I2288; MGC44911; OTTHUMP00000163830

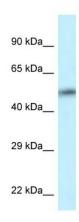
Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Calcium signaling pathway, ErbB signaling pathway, Glioma, GnRH signaling pathway, Long-

term potentiation, Melanogenesis, Neurotrophin signaling pathway, Olfactory transduction,

Oocyte meiosis, Wnt signaling pathway

Product images:



WB Suggested Anti-CAMK2D Antibody

Titration: 1.0 ug/ml

Positive Control: HT1080 Whole Cell