

CaMKII delta antibody

Catalog No: #22853



Orders: order@signalwayantibody.com
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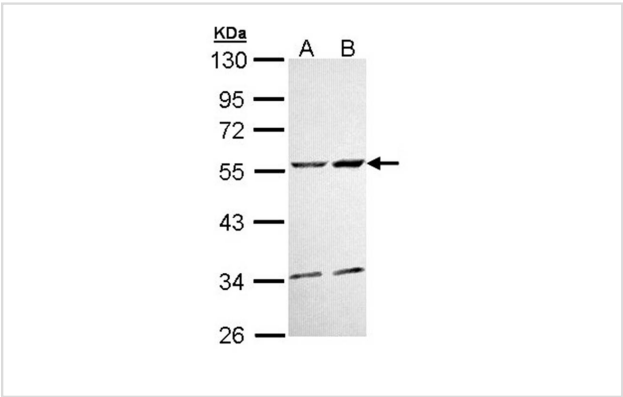
Description

Product Name	CaMKII delta antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 249 and 455 of CaMKII delta
Target Name	CaMKII delta
Accession No.	Swiss-Prot:Q13557Gene ID:817
Uniprot	Q13557
GeneID	817;
Concentration	0.4mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

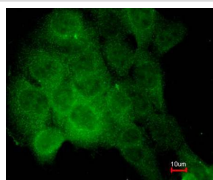
Application Details

Predicted MW: 54kd
Western blotting: 1:500-1:3000
Immunofluorescence: 1:100-1:200

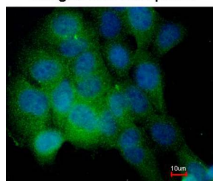
Images



Sample (30 ug of whole cell lysate)
A: A431
B: H1299
10% SDS PAGE
Primary antibody diluted at 1: 1000



Merged with DNA probe



Immunofluorescence analysis of paraformaldehyde-fixed A431, using CaMKII delta antibody at 1: 200 dilution.

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.

Note: This product is for in vitro research use only