

Recombinant CaMKII β Monoclonal Antibody

catalog number: AN300888L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

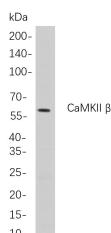
| | |
|--------------|-----------------------------------------------------------------|
| Reactivity | Human;Mouse;Rat |
| Immunogen | Recombinant Human CaMKII β protein |
| Host | Rabbit |
| Isotype | IgG,κ |
| Clone | B835 |
| Purification | Protein A |
| Buffer | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

Applications

Recommended Dilution

| | |
|-------|----------------|
| WB | 1:2000-1:10000 |
| IF | 1:200-1:1000 |
| ELISA | 1:5000-1:20000 |

Data



Western Blot with Recombinant CaMKII β Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: U-87 MG cells.

Observed-MW:54 kDa,60 kDa

Calculated-MW:54 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

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 beta chain. It is possible that distinct isoforms of this chain have different cellular localizations and interact differently with calmodulin. Alternative splicing results in multiple transcript variants.

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