

CaMK2 delta/CAMK2 gamma Rabbit mAb

Catalog No.: A22362 **Recombinant**

Basic Information

Observed MW

50kDa/60kDa

Calculated MW

73kDa

Category

Primary antibody

Applications

WB, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC53333

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.

Recommended Dilutions

WB 1:500 - 1:1000**IP** 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells**ELISA** Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on your
specific assay requirements.

Immunogen Information

Gene ID

817/818

Swiss Prot

Q13554

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

CAM2; CAMK2; CAMKB; MRD54; CaMKIIbeta; CaMK2 delta/CAMK2 gamma

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

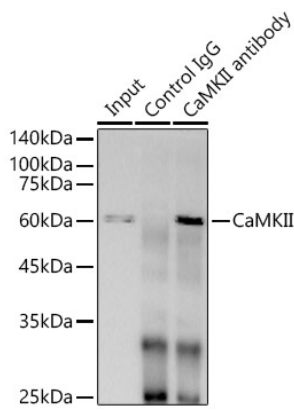
Affinity purification

Storage

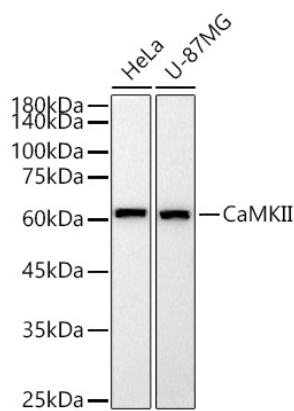
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

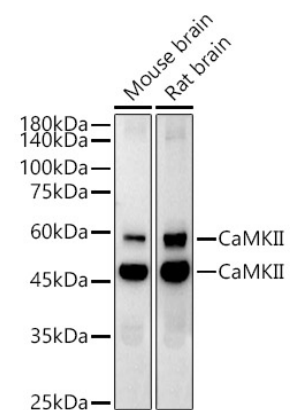
Validation Data



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg CaMK2 delta/CAMK2 gamma antibody (A22362). Western blot was performed from the immunoprecipitate using CaMK2 delta/CAMK2 gamma antibody (A22362) at a dilution of 1:1000.



Western blot analysis of various lysates, using CaMK2 delta/CAMK2 gamma Rabbit mAb (A22362) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Western blot analysis of various lysates, using CaMK2 delta/CAMK2 gamma Rabbit mAb (A22362) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.