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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CAMK2B purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00000816-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human CAMK2B protein.

Immunogen: CAMK2B (NP_742078.1, 1 a.a. ~ 503 a.a) full-length human protein.

Sequence:
 MATTVTCTRFTDEYQLYEDIGKGAFSVRRCVKLCTGHEYAAKIINTKKL
 SARDHQKLEREARICRLLKHSNIVRLHDSISEEGFHLYVFDLVTGGELFED
 IVAREYYSEADASHCIQQILEAVLHCHQMGVVHRDLKPENLLASKCKGAA
 VKLADFGLAIEVQGDQQAWFGFAGTPGYLSPEVLRKEAYGKPVDIWAC
 GVILYILLVGYPPFWDEDQHKLYQQIKAGAYDFPSPPEWDTVTPEAKNLIN
 QMLTINPAKRITAEALKHPWVCQRSTVASMMHRQETVECLKKFNARRK
 LKGAILTTMLATRNFSAAKSLNKKADGVKPKQTNSTKNSAAATSPKGTLP
 PAALESSDSANTTIEDEDAKARKQEIIKTTEQLIEAVNNGDFEAYAKICDPG
 LTSFEPEALGNLVEGMDFHRFYFENLLAKNSKPIHTTILNPHVHVIGEDAA
 CIAYIRLTQYIDGQGRPRTSQSEETRVVHRRDQKWQMVHFCSGAPVA
 PLQ

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

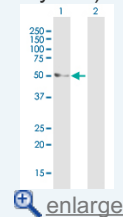
Storage Buffer: In 1x PBS, pH 7.4


Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Datasheet:  [Download](#)

Application Image

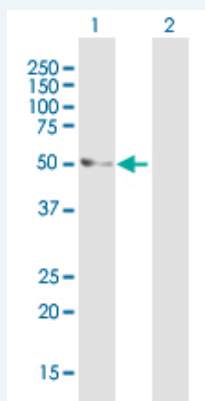
Western Blot (Transfected lysate)



 [enlarge](#)

Applications


Western Blot (Transfected lysate)



Western Blot analysis of CAMK2B expression in transfected 293T cell line (H00000816-T01) by CAMK2B MaxPab polyclonal antibody.

Lane 1: CAMK2B transfected lysate(55.33 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [816](#)

GeneBank Accession#: [NM_172081.1](#)

Protein Accession#: [NP_742078.1](#)

Gene Name: CAMK2B

Gene Alias: CAM2,CAMK2,CAMKB,MGC29528

Gene Description: calcium/calmodulin-dependent protein kinase II beta

Omim ID: [607707](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. Eight transcript variants encoding eight distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations: CaM kinase II beta subunit,CaM-kinase II beta chain,CaMK-II beta subunit,OTTHUMP00000159355,OTTHUMP00000159356,calcium/calmodulin-dependent protein kinase (CaM kinase) II beta,calcium/calmodulin-dependent protein kinase type II beta chain,proline rich cal

Gene Pathway

[Calcium signaling pathway](#) [ErbB signaling pathway](#) [Glioma](#) [GnRH signaling pathway](#) [Long-term potentiation](#) [Melanogenesis](#) [Neurotrophin signaling pathway](#) [Olfactory transduction](#) [Wnt signaling pathway](#)

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