



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CAMK2B monoclonal antibody (M07), clone S13

Catalog # : H00000816-M07

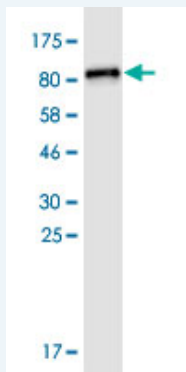
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full-length recombinant CAMK2B.
Immunogen:	CAMK2B (AAH19070.1, 1 a.a. ~ 503 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MATTVTCTRFRTDEYQLYEDIGKGAFSVRRVCVKLCTGHEYAAKIINTKKL SARDHQKLREARICRLLKHSNIVRLHDSISEEGFHLYVFDLVTGGELFED IVAREYYSEADASHCIQQILEAVLHCHQMGVVHRDLKPENLLLASKCKGAA VKLADFGLAIEVQGDQQAWFGFAGTPGYLSPEVLRKEAYGKPVDIWAC GVILYILLVGYPFWDEDQHKLYQQIKAGAYDFPSPWDTVTPEAKNLIN QMLTINPAKRITAEALKHPWVCQRSTVASMHRQETVECLKKFNARRK LKGAILTTMLATRNFSAAKSLLNKKADGVKQPQTNSTKNSAAATSPKGTLP PAALESSDSANTTIEDEDAKARKQEIIKTTEQLIEAVNNGDFEAYAKICDPG LTSFEPEALGNLVEGMDFHRFYFENLLAKNSKPIHTTILNPHVHVIGEDAA CIAYIRLTQYIDGQGRPRTSQSEETRVWHRRDGGKWQNVHFHCSGAPVA PLQ
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (81.07 KDa) .

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](#)

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [816](#)

GeneBank
Accession#: [BC019070](#)

Protein
Accession#: [AAH19070.1](#)

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](#)

Related Disease

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[Schizophrenia](#) [Schizophrenia](#) [Schizophrenic Psychology](#) [Tobacco Use Disorder](#)
[Weight Gain](#)