

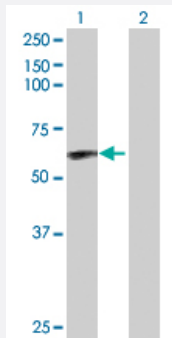
MaxPab®

CAMK2D purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000817-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CAMK2D expression in transfected 293T cell line ([H00000817-T04](#)) by CAMK2D MaxPab polyclonal antibody.

Lane 1: CAMK2D transfected lysate(54.10 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CAMK2D protein.
Immunogen	CAMK2D (NP_742126.1, 1 a.a. ~ 478 a.a) full-length human protein.
Sequence	MASTTCTRFTDEYQLFEELGKGAFSVVRRCKMIPITGQEYAAKIINTKKLSARDHQKLREARICRL LKHPNIVRLHDSISEEGFHYLVFDLVTGGELFEDIVAREYYSEADASHCIQQILESVDHCHLNGMVHR DLKPENLLLASKSKGA AVKLADFGLAIEVQGDQQAWFGFAGTPGYLSPEVLRKDPYGKPVDMW ACGVILYILLVGYPFWDEDQHRLYQQIKAGAYDFPSPEWDTVTPEAKDLINKMLTINPAKRITASEA LKHPWICQRSTVASMMHRQETVDCLKKFNARRKLKGAILTTMLATRNFSAAKSLLKKPDGVKEST ESSNTTIEDVDKARKQEIKVTEQLIEAINNGDFEAYTKICDPGLTAFEPEALGNLVEGMDFHRFYF ENALSKSNKPIHTILNPHVHLVGDDAACIAYIRLTQYMDGSGMPKTMQSEETRVWHRRDGKWQNV HFHRSGSPTVPIN
Host	Rabbit
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.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of CAMK2D expression in transfected 293T cell line ([H00000817-T04](#)) by CAMK2D MaxPab polyclonal antibody.

Lane 1: CAMK2D transfected lysate(54.10 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — CAMK2D

Entrez GeneID [817](#)

GeneBank Accession# [NM_172128.1](#)

Protein Accession# [NP_742126.1](#)

Gene Name CAMK2D

Gene Alias CAMKD, DKFZp686G23119, DKFZp686I2288, MGC44911

Gene Description calcium/calmodulin-dependent protein kinase II delta

Omim ID [607708](#)

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 delta chain. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Distinct isoforms of this chain have different expression patterns

Other Designations CaM kinase II delta subunit|CaM-kinase II delta chain|CaMK-II delta subunit|OTTHUMP00000163829|OTTHUMP00000163830|calcium/calmodulin-dependent protein kinase (CaM kinase) II delta|calcium/calmodulin-dependent protein kinase type II delta chain

Pathway

- [Calcium signaling pathway](#)

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

Disease

- [Alcoholism](#)
- [Genetic Predisposition to Disease](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Tobacco Use Disorder](#)