

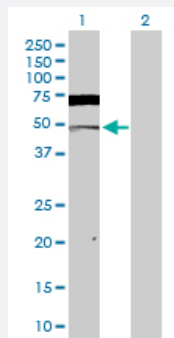
MaxPab®

CSNK2A1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001457-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CSNK2A1 expression in transfected 293T cell line ([H00001457-T02](#)) by CSNK2A1 MaxPab polyclonal antibody.

Lane 1: CSNK2A1 transfected lysate(45.10 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CSNK2A1 protein.
Immunogen	CSNK2A1 (NP_001886.1, 1 a.a. ~ 391 a.a) full-length human protein.
Sequence	MSGPVPSRARVYTDVNTHRPREYWDYESHVVEWGNQDDYQLVRKLGRGKYSEVFEAINITNNEK VVVKILKPVKKKKIKREIKILENLRGGPNIITLADIVKDPVSRTPALVFEHVNNTDFKQLYQTLTDYDIR FYMYEILKALDYCHSMGIMHRDVKPHNVMIDHEHRKLRLLDWGLAEFYHPGQEYNVRVASRYFKGP ELLVDYQMYDYSLDMWSLGCMLASMIFRKEPFFHGHNDNYDQLVRIAKVLGTEDLYDYIDKYNIELD PRFNDILGRHSRKRWERFVHSENQHLVSPEALDFDKLLRYDHQSRLTAREAMEHPYFYTVVKD QARMGSSSMPPGGSTPVSSANMMSGISSVPTSPPLGPLAGSPVIAAANPLGMPVPAAAGAQQ
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (98)
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.

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[Protocol Download](#)

Gene Info — CSNK2A1

Entrez GeneID [1457](#)

GeneBank Accession# [NM_001895.3](#)

Protein Accession# [NP_001886.1](#)

Gene Name CSNK2A1

Gene Alias CK2A1, CKII

Gene Description casein kinase 2, alpha 1 polypeptide

Omim ID [115440](#)

Gene Ontology [Hyperlink](#)

Gene Summary Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation. The protein encoded by this gene represents the alpha subunit. While this gene is found on chromosome 20, a related transcribed pseudogene is found on chromosome 11. Three transcript variants encoding two different proteins have been found for this gene. [provided by RefSeq]

Other Designations CK2 catalytic subunit alpha|OTTHUMP00000029925|OTTHUMP00000029926|casein kinase II alpha 1 subunit|casein kinase II alpha subunit|protein kinase CK2

Pathway

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- [Tight junction](#)
- [Wnt signaling pathway](#)

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