

CSNK2A1 rabbit monoclonal antibody

Catalog # H00001457-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CSNK2A1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CSNK2A1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CSNK2A1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CSNK2A1

Entrez GeneID	1457
GeneBank Accession#	CSNK2A1
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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Disease

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