

CSNK1E rabbit monoclonal antibody

Catalog # H00001454-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CSNK1E peptide using ARM Technology.
Immunogen	A synthetic peptide of human CSNK1E 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 CSNK1E 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 — CSNK1E

Entrez GeneID	1454
GeneBank Accession#	CSNK1E
Gene Name	CSNK1E
Gene Alias	HCKIE, MGC10398
Gene Description	casein kinase 1, epsilon
Omim ID	600863
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a serine/threonine protein kinase and a member of the casein kinase I protein family, whose members have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair. The encoded protein is found in the cytoplasm as a monomer and can phosphorylate a variety of proteins, including itself. This protein has been shown to phosphorylate period, a circadian rhythm protein. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	CKI-epsilon OTTHUMP00000063258 OTTHUMP00000063263 casein kinase 1 epsilon casein kinase I epsilon

Pathway

- [Circadian rhythm - mammal](#)
- [Hedgehog signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Amphetamine-Related Disorders](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)

- [Bipolar Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Chronobiology Disorders](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
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