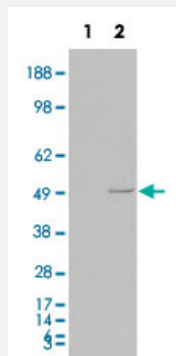


CSNK1E polyclonal antibody

Catalog # PAB7264

Size 100 ug

Applications



Western Blot (Transfected lysate)

HEK293 overexpressing CSNK1E and probed with CSNK1E polyclonal antibody (Cat # PAB7264) (mock transfection in first lane) .

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CSNK1E.
Immunogen	A synthetic peptide corresponding to human CSNK1E.
Sequence	C-PASQTSVPFDHLGK
Host	Goat
Theoretical MW (kDa)	47.3
Reactivity	Human
Specificity	Both reported variants represent identical protein (NP_001885.1 and NP_689407.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:32000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

HEK293 overexpressing CSNK1E and probed with CSNK1E polyclonal antibody (Cat # PAB7264) (mock transfection in first lane) .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CSNK1E

Entrez GeneID	1454
Protein Accession#	NP_001885.1;NP_689407.1
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

Publication Reference

- [A second protein kinase CK1-mediated step negatively regulates Wnt signalling by disrupting the lymphocyte enhancer factor-1/beta-catenin complex.](#)

Hammerlein A, Weiske J, Huber O.

Cellular and Molecular Life Sciences 2005 Mar; 62(5):606.

Application: WB-Tr, Human, HEK 293 cells

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](#)
- [Disease Models](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Heroin Dependence](#)
- [Mood Disorders](#)
- [NARP](#)
- [Neoplasm Invasiveness](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Psychoses](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Sleep Disorders](#)