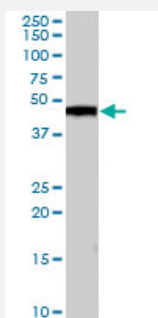


CSNK1D polyclonal antibody

Catalog # PAB7020

Size 100 ug

Applications



Western Blot (Cell lysate)

CSNK1D polyclonal antibody (Cat # PAB7020) (0.3 ug/mL) staining of 293 cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CSNK1D.
Immunogen	A synthetic peptide corresponding to human CSNK1D.
Sequence	C-DREERLRHSRNPATR
Host	Goat
Theoretical MW (kDa)	47.3, 46.1
Reactivity	Human
Specificity	This antibody is expected to recognize both reported isoforms (NP_001884.2 and NP_620693.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:64000) 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 (Cell lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — CSNK1D

Entrez GeneID	1453
Protein Accession#	NP_001884.2;NP_620693.1
Gene Name	CSNK1D
Gene Alias	HCKID
Gene Description	casein kinase 1, delta
Omim ID	600864
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the casein kinase I (CKI) gene family whose members have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair. The encoded protein is highly similar to the mouse and rat CK1 delta homologs. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	-

Publication Reference

- [Functional consequences of a CK1delta mutation causing familial advanced sleep phase syndrome.](#)

Xu Y, Padiath QS, Shapiro RE, Jones CR, Wu SC, Saigoh N, Saigoh K, Ptacek LJ, Fu YH.

Nature 2005 Mar; 434(7033):640.

Pathway

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

Disease

- [Alzheimer disease](#)
- [Bipolar Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cognition](#)
- [Communicable Diseases](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
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