

ARG65671 anti-CK1 epsilon antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CK1 epsilon
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CK1 epsilon
Species	Human
Immunogen	Fusion protein around the C-terminus of Human CK1 epsilon.
Conjugation	Un-conjugated
Alternate Names	tau; CK1epsilon; Casein kinase I isoform epsilon; A1426939; CK1e; CKI-epsilon; AW457082; AI551861; EC 2.7.11.1; KC1epsilon

Application Instructions

Application table	Application	Dilution
	IHC-P	Assay-dependent
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	IHC: Human cervical cancer. WB: HeLa and A431 cell.	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.05% Sodium azide and 50% Glycerol
Preservative	0.05% Sodium azide
Stabilizer	50% Glycerol
Concentration	3.1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

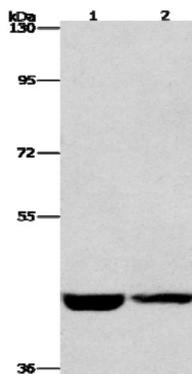
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

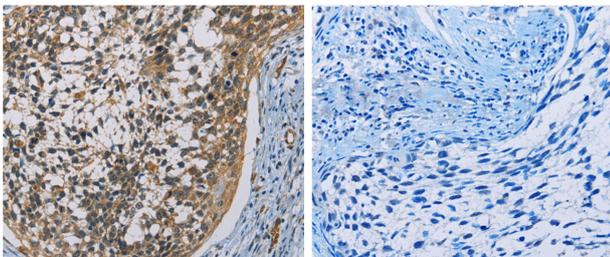
Database links	GeneID: 1454 Human Swiss-port # P49674 Human
Gene Symbol	CSNK1E
Gene Full Name	casein kinase 1, epsilon
Background	This locus represents naturally occurring readthrough transcription between the neighboring LOC400927 (transmembrane phosphoinositide 3-phosphatase and tensin homolog 2 pseudogene) and CSNK1E (casein kinase I isoform epsilon) genes on chromosome 22. The readthrough transcript encodes the same protein as the downstream gene product (casein kinase I isoform epsilon). [provided by RefSeq, Feb 2014]
Function	Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. Can phosphorylate a large number of proteins. Participates in Wnt signaling. Phosphorylates DVL1. Central component of the circadian clock. In balance with PP1, determines the circadian period length, through the regulation of the speed and rhythmicity of PER1 and PER2 phosphohorylation. Controls PER1 and PER2 nuclear transport and degradation. Inhibits cytokine-induced granulocytic differentiation. [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	47 kDa

Images



ARG65671 anti-CK1 epsilon antibody WB image

Western blot: 40 µg of 1) HeLa and 2) A431 cell lysates stained with ARG65671 anti-CK1 epsilon antibody at 1:1550 dilution.



ARG65671 anti-CK1 epsilon antibody IHC-P image

Immunohistochemistry: paraffin-embedded Human cervical cancer tissue stained with ARG65671 anti-CK1 epsilon antibody (left) at 1:60 dilution, or the same antibody pre-incubated with antigen (right). (Original magnification: X200)