

## ARG64445 anti-CK1 epsilon antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes CK1 epsilon
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	IHC-P, WB
Specificity	Both reported variants represent identical protein (NP_001885.1 and NP_689407.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CK1 epsilon
Species	Human
Immunogen	C-PASQTSVPFDHLGK
Conjugation	Un-conjugated
Alternate Names	tau; CK1epsilon; Casein kinase I isoform epsilon; A1426939; CK1e; CK1-epsilon; AW457082; A1551861; EC 2.7.11.1; KC1epsilon

### Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 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 or below. 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](#)

Background

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, Jul 2008]

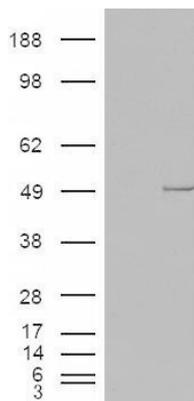
Research Area

Signaling Transduction antibody

Calculated Mw

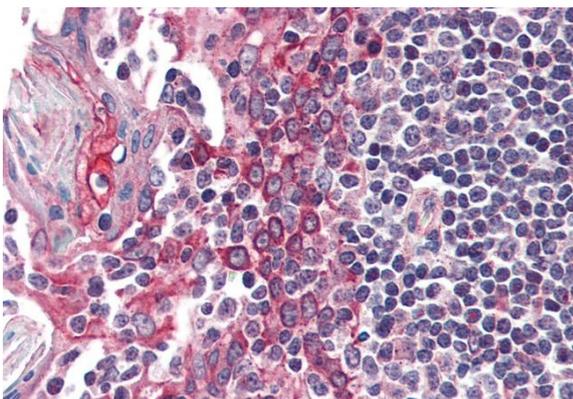
47 kDa

## Images



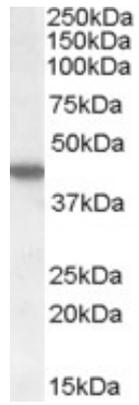
ARG64445 anti-CK1 epsilon antibody WB image

Western blot: 1) Mock transfection and 2) CSNK1E expressing plasmid transfected HEK293 cell lysate stained with ARG64445 anti-CK1 epsilon antibody.



ARG64445 anti-CK1 epsilon antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64445 anti-CK1 epsilon antibody at 5 µg/ml dilution followed by AP-staining.



ARG64445 anti-CK1 epsilon antibody WB image

Western blot: 35 µg of HEK293 cell lysate (in RIPA buffer) stained with ARG64445 anti-CK1 epsilon antibody at 1 µg/ml dilution and incubated at RT for 1 hour.