

CSNK1E / CK1 Epsilon Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS12258**Specification**

CSNK1E / CK1 Epsilon Antibody (C-Terminus) - Product Information

Application	WB, IHC
Primary Accession	P49674
Reactivity	Human
Host	Goat
Clonality	Polyclonal

CSNK1E / CK1 Epsilon Antibody (C-Terminus) - Additional Information**Gene ID** 102800317;1454**Other Names**

Casein kinase I isoform epsilon, CKI-epsilon, CKIe, 2.7.11.1, CSNK1E

Target/Specificity

Human CSNK1E. Both reported variants represent identical protein (NP_001885.1 and NP_689407.1).

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

CSNK1E / CK1 Epsilon Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CSNK1E / CK1 Epsilon Antibody (C-Terminus) - Protein Information**Name** CSNK1E**Function**

Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates (Probable). Participates in Wnt signaling (PubMed:12556519, PubMed:23413191). Phosphorylates DVL1 (PubMed:12556519). Phosphorylates DVL2 (PubMed:23413191). Phosphorylates NEDD9/HEF1 (By similarity). Central component of the circadian clock (PubMed:16790549). In balance with PP1, determines the circadian period length, through the regulation of the speed and rhythmicity of PER1 and PER2 phosphorylation (PubMed:15917222, PubMed:16790549). Controls

PER1 and PER2 nuclear transport and degradation (By similarity). Inhibits cytokine-induced granulocytic differentiation (PubMed:15070676).

Cellular Location

Cytoplasm. Nucleus.

Tissue Location

Expressed in all tissues examined, including brain, heart, lung, liver, pancreas, kidney, placenta and skeletal muscle Expressed in monocytes and lymphocytes but not in granulocytes

Volume

50 µl

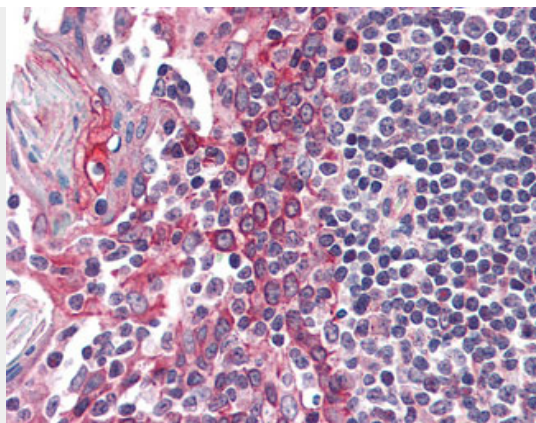
CSNK1E / CK1 Epsilon Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CSNK1E / CK1 Epsilon Antibody (C-Terminus) - Images

Antibody (1 ug/ml) staining of HEK293 cell lysate (35 ug protein in RIPA buffer).



Anti-CSNK1E antibody IHC of human tonsil.