

CSNK1E / CK1 Epsilon Antibody (aa276-325)
Rabbit Polyclonal Antibody
Catalog # ALS14782**Specification**

CSNK1E / CK1 Epsilon Antibody (aa276-325) - Product Information

Application	IF, WB, IHC
Primary Accession	P49674
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

CSNK1E / CK1 Epsilon Antibody (aa276-325) - Additional Information**Gene ID** 102800317;1454**Other Names**

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

Target/Specificity

CKI-epsilon Antibody detects endogenous levels of total CKI-epsilon protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

CSNK1E / CK1 Epsilon Antibody (aa276-325) is for research use only and not for use in diagnostic or therapeutic procedures.

CSNK1E / CK1 Epsilon Antibody (aa276-325) - 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

granuloytic 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

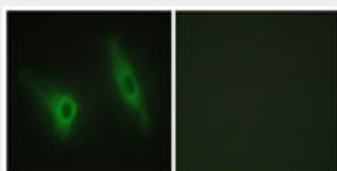
Volume

50 µl

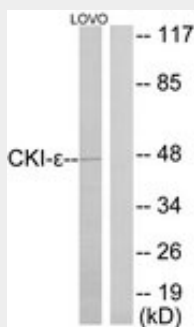
CSNK1E / CK1 Epsilon Antibody (aa276-325) - Protocols

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

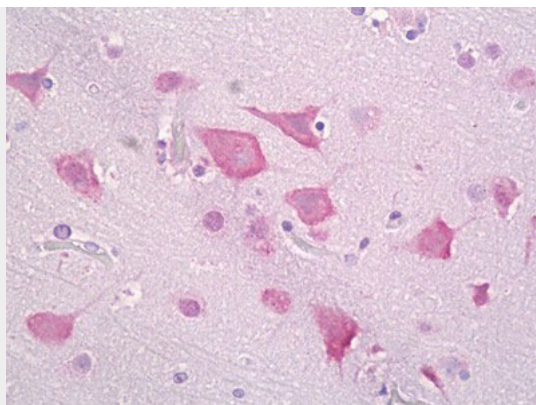
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CSNK1E / CK1 Epsilon Antibody (aa276-325) - Images

Immunofluorescence of HeLa cells, using CKI-epsilon Antibody.



Western blot of extracts from LOVO cells, using CKI-epsilon Antibody.



Anti-CSNK1E antibody IHC of human brain, cortex neurons.