

CSNK1G1 / CKI-Gamma 1 Antibody (aa1-50)
Rabbit Polyclonal Antibody
Catalog # ALS15980**Specification**

CSNK1G1 / CKI-Gamma 1 Antibody (aa1-50) - Product Information

Application	IHC, WB
Primary Accession	Q9HCP0
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49kDa KDa

CSNK1G1 / CKI-Gamma 1 Antibody (aa1-50) - Additional Information**Gene ID** 53944**Other Names**

Casein kinase I isoform gamma-1, CKI-gamma 1, 2.7.11.1, CSNK1G1

Target/Specificity

CKI-gamma1 Antibody detects endogenous levels of total CKI-gamma1 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

CSNK1G1 / CKI-Gamma 1 Antibody (aa1-50) is for research use only and not for use in diagnostic or therapeutic procedures.

CSNK1G1 / CKI-Gamma 1 Antibody (aa1-50) - Protein Information**Name** CSNK1G1**Function**

Serine/threonine-protein kinase. Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Regulates fast synaptic transmission mediated by glutamate (By similarity). Phosphorylates CLSPN.

Cellular Location

Cytoplasm.

Volume

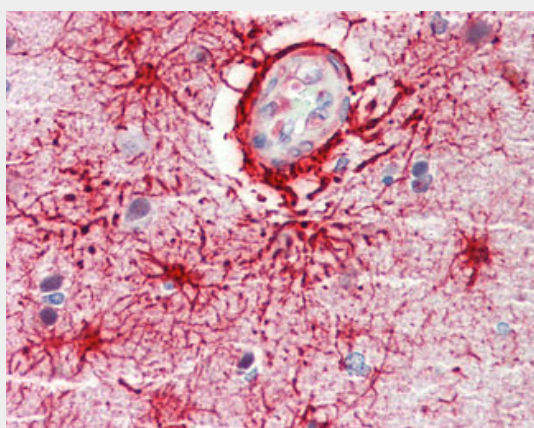
50 µl

CSNK1G1 / CKI-Gamma 1 Antibody (aa1-50) - Protocols

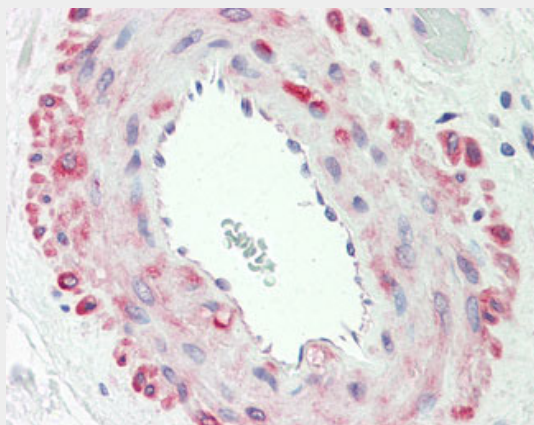
Provided below are standard protocols that you may find useful for product applications.

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

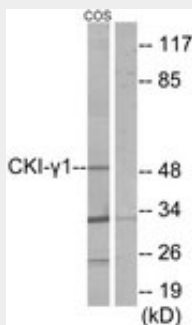
CSNK1G1 / CKI-Gamma 1 Antibody (aa1-50) - Images



Anti-CSNK1G1 / CKI-Gamma 1 antibody IHC staining of human brain, cortex.



Anti-CSNK1G1 / CKI-Gamma 1 antibody IHC staining of human vessel.



Western blot of extracts from COS7 cells, using CKI-gamma1 Antibody.

CSNK1G1 / CKI-Gamma 1 Antibody (aa1-50) - Background

Serine/threonine-protein kinase. Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Regulates fast synaptic transmission mediated by glutamate (By similarity). Phosphorylates CLSPN.

CSNK1G1 / CKI-Gamma 1 Antibody (aa1-50) - References

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Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Hillman R.T.,et al.Genome Biol. 5:R8.1-R8.16(2004).
Meng Z.,et al.Mol. Biol. Cell 22:2834-2847(2011).