

Rabbit Csnk1e Polyclonal Antibody | anti-Csnk1e antibody

Mouse Csnk1e Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286834	Rabbit	Mouse (Predicted Reactivity: Human)	Immunohistochemistry, ELISA, Western Blot

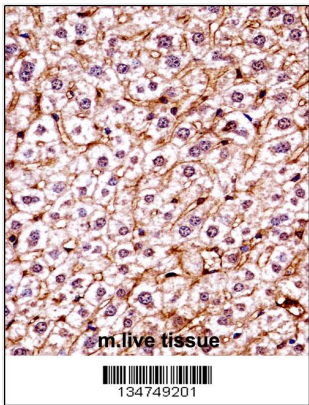
PRODUCT SYNONYMS

Csnk1e; Polyclonal Antibody; Mouse Csnk1e Antibody (C-term); Casein kinase I isoform epsilon; CKI-epsilon; CKIe; anti-Csnk1e antibody

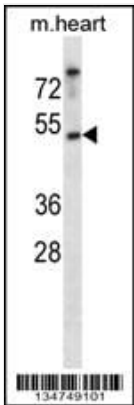
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Human)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Csnk1e antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 283-310 amino acids from the C-terminal region of mouse Csnk1e.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	283-310
Sequence Length	416
Applicable Applications for anti-Csnk1e antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Mouse Csnk1e Antibody (C-term) (AAA286834) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse live tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Mouse Csnk1e Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Mouse Csnk1e Antibody (C-term) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the Csnk1e antibody detected the Csnk1e protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Csnk1e antibody	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. May act as a negative regulator of circadian rhythmicity by phosphorylating PER1 and PER2. Retains PER1 in the cytoplasm. Inhibits cytokine-induced granuloytic differentiation.
Product Categories/Family for anti-Csnk1e antibody	Signal Transduction
References	Meng, Q.J., et al. Proc. Natl. Acad. Sci. U.S.A. 107(34):15240-15245(2010) Sugiyama, Y., et al. Biochem. J. 427(3):489-497(2010) Etchegaray, J.P., et al. PLoS ONE 5 (4), E10303 (2010) : Lee, H., et al. Proc. Natl. Acad. Sci. U.S.A. 106(50):21359-21364(2009) Isojima, Y., et al. Proc. Natl. Acad. Sci. U.S.A. 106(37):15744-15749(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542425
NCBI GeneID	27373
NCBI Accession #	NP_038795.3
NCBI GenBank Nucleotide #	NM_013767.6
UniProt Accession #	Q9JMK2; Q8R389
Molecular Weight	47322
NCBI Official Full Name	casein kinase I isoform epsilon isoform a
NCBI Official Synonym Full Names	casein kinase 1, epsilon
NCBI Official Symbol	Csnk1e
NCBI Official Synonym Symbols	tau; CK1e; AI426939; AI551861; AW457082; CK1epsilon; KC1epsilon
NCBI Protein Information	casein kinase I isoform epsilon
UniProt Protein Name	Casein kinase I isoform epsilon
UniProt Gene Name	Csnk1e

UniProt Synonym Gene Names	CKI-epsilon; CKIε
UniProt Entry Name	KC1E_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/csnk1e-antibody-immunohistochemistry-western-blot-elisa/286834>