

Rabbit anti-Human, Mouse CKI-epsilon Polyclonal Antibody | anti-CKI-epsilon antibody

CKI-epsilon Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302566	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

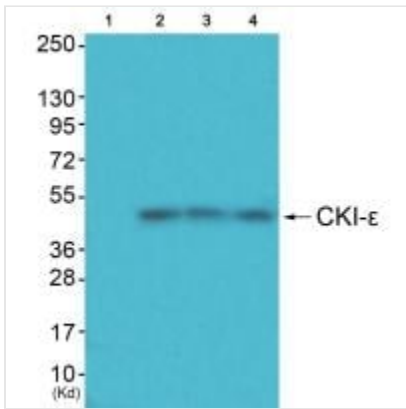
PRODUCT SYNONYMS

CKI-epsilon; Polyclonal Antibody; CKI-epsilon Antibody; CKI-e Antibody; CK1-epsilon; CKIe; CSNK1E; Casein kinase I; anti-CKI-epsilon antibody

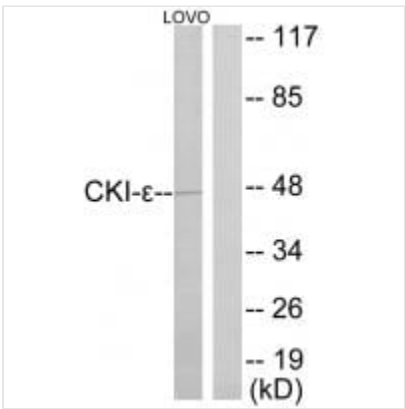
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CKI-eta protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	416
Applicable Applications for anti-CKI-epsilon antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CKI-eta.
Target Name	CKI-eta
Preparation and Storage	Store at -20 degree C

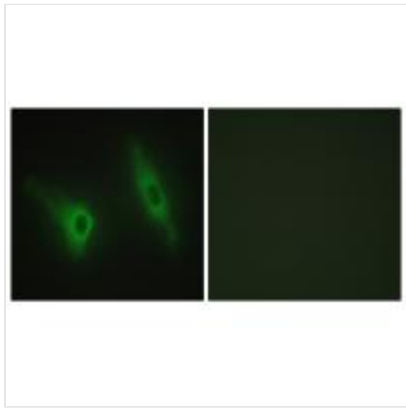
IMAGES



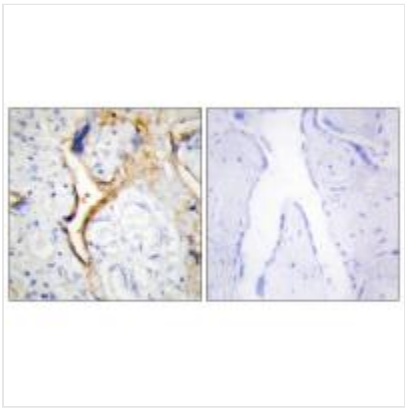
WB (Western Blot)
Western blot analysis of extracts from HuvEc cells (Lane 2), JK cells (Lane 3) and cos-7 cells (Lane 4), using CKI-eta antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from LOVO cells, using CKI-eta antibody.



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells, using CKI-eta antibody.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human placenta tissue using CKI-eta antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CKI-epsilon 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. In balance with PP1, determines the circadian period length, through the regulation of the speed and rhythmicity of PER1 and PER2 phosphorylation. Controls PER1 and PER2 nuclear transport and degradation. Inhibits cytokine-induced granulocytic differentiation.Fish K.J., J. Biol. Chem. 270:14875-14883(1995).Okamura A., Blood 103:2997-3004(2004).Collins J.E., Genome Biol. 5:RESEARCH84.1-RESEARCH84.11(2004).
Product Categories/Family for anti-CKI-epsilon antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	583966087
NCBI GeneID	102800317
NCBI Accession #	NP_001276841.1
NCBI GenBank Nucleotide #	NM_001289912.1
UniProt Accession #	P49674
Molecular Weight	47,315 Da

NCBI Official Full Name	casein kinase I isoform epsilon
NCBI Official Symbol	LOC400927-CSNK1E
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_HUMAN

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/cki-epsilon-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/302566>