

CKI-alpha Antibody | anti-CKI-alpha antibody

CKI-alpha (Ab-321) Antibody

CATALOG # AAA111822	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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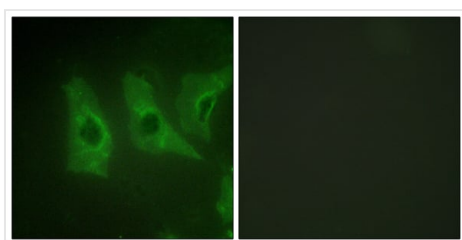
PRODUCT SYNONYMS

CKI-alpha; CKI-alpha (Ab-321) Antibody; CK1-alpha; CSNK1A1; Casein kinase I; alpha isoform; EC 2.7.11.1; KC1A; kinase; anti-CKI-alpha antibody

PRODUCT SPECIFICATIONS

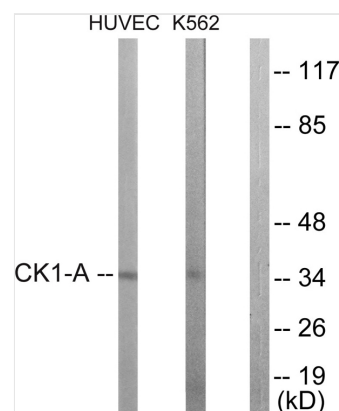
Reactivity	Human, Mouse, Rat
Specificity	Casein Kinase I alpha (Ab-321) antibody detects endogenous levels of total Casein Kinase I alpha protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	365
Applicable Applications for anti-CKI-alpha antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human Casein Kinase I alpha around the phosphorylation site of threonine 321 (A-Q-TP-P-T).
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

Peptide-+ Western blot analysis of extracts from HuvEc cells and K562 cells, using Casein Kinase I alpha (Ab-321) antibody. Immunofluorescence analysis of HeLa cells, using Casein Kinase I alpha (Ab-321) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-CKI-alpha antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells
References	Tapia C., FEBS Lett. 349:307-312(1994). Fish K.J., J. Biol. Chem. 270:14875-14883(1995). Liu C., I 108:837-847(2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	68303575
NCBI GeneID	1452
NCBI Accession #	NP_001020276.1
NCBI GenBank Nucleotide #	NM_001025105.2
UniProt Accession #	P48729; Q4JJA0; Q5U046; Q5U047; Q6FGA2; Q71TU5; Q96HD2; Q9UDK3; D3DQG0; D3DQG1
Molecular Weight	37,567 Da
NCBI Official Full Name	casein kinase I isoform alpha isoform 1
NCBI Official Synonym Full Names	casein kinase 1 alpha 1
NCBI Official Symbol	CSNK1A1
NCBI Official Synonym Symbols	CK1; CK1a; CKIa; HLCDGP1; PRO2975; HEL-S-77p
NCBI Protein Information	casein kinase I isoform alpha
UniProt Protein Name	Casein kinase I isoform alpha
UniProt Gene Name	CSNK1A1
UniProt Synonym Gene Names	CKI-alpha

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/human-mouse-rat-antibody/cki-alpha/111822>