

Rabbit CKI-alpha Polyclonal Antibody | anti-CKI-alpha antibody

CKI-alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307404	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

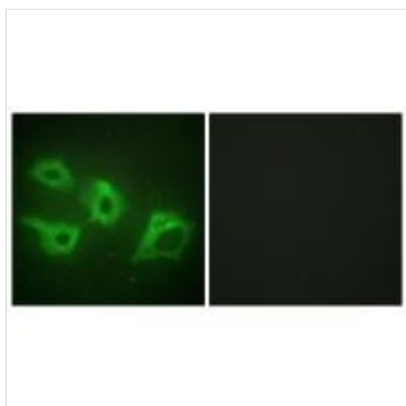
PRODUCT SYNONYMS

CKI-alpha; Polyclonal Antibody; CKI-alpha Antibody; CKI-a Antibody; CK1-alpha; CSNK1A1; Casein kinase I; alpha isoform; anti-CKI-alpha antibody

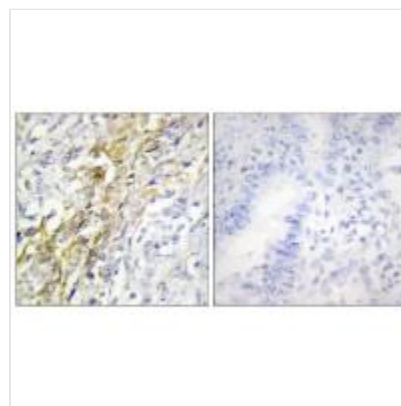
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CKI-a 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	365
Applicable Applications for anti-CKI-alpha antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CKI-a.
Target Name	CKI-a
Preparation and Storage	Store at -20 degree C

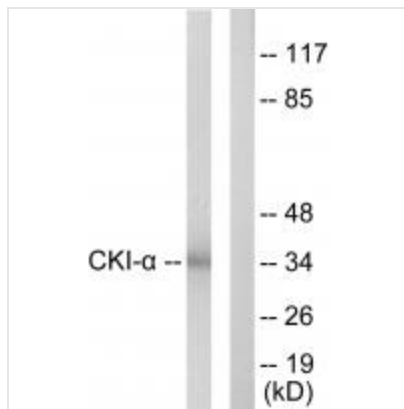
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using CKI-a antibody.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using CKI-a antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using CKI-α antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CKI-alpha antibody	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. Phosphorylates CTNNB1 at 'Ser-45'. May phosphorylate PER1 and PER2. May play a role in segregating chromosomes during mitosis. Tapia C., FEBS Lett. 349:307-312(1994). Fish K.J., J. Biol. Chem. 270:14875-14883(1995). Liu C., Cell 108:837-847(2002).
Product Categories/Family for anti-CKI-alpha antibody	Total protein Ab

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
UniProt Entry Name	KC1A_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-alpha-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/307404>