

Chicken anti-Human CSNK1A1 / CK1 Alpha Polyclonal Antibody | anti-CSNK1A1 antibody

Anti-CSNK1A1 / CK1 Alpha Antibody IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52665	Chicken	Human	Western Blot, Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

CSNK1A1 / CK1 Alpha; Polyclonal Antibody; Anti-CSNK1A1 / CK1 Alpha Antibody IHC-plus; Chicken Polyclonal (IgY) to Human CSNK1A1 / CK1 Alpha; Human CSNK1A1 / CK1 Alpha; CK1 alpha; CK1a; CK1alpha; Clock regulator kinase; CK1; Casein kinase 1 alpha; CK1a; CK1alpha; Down-regulated in lung cancer; HLCDGP1; PRO2975; Casein kinase 1; alpha 1; Casein kinase I alpha; Casein kinase I isoform alpha; CKI-alpha; anti-CSNK1A1 antibody

PRODUCT SPECIFICATIONS

Host	Chicken
Reactivity	Human
Clonality	Polyclonal
Isotype	IgY
Purity/Purification	Purified
Form/Format	Liquid
Sequence Length	337
Applicable Applications for anti-CSNK1A1 antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Preparation and Storage	4 degree C or -20 degree C, Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Western blot of whole rat spinal cord homogenate stained with chicken casein kinase 1 alpha antibody, at dilution of 1:10,000. A prominent band running with an apparent SDS-PAGE molecular weight of ~38kDa and a less prominent band at ~34kDa corresponds to other CK1 alpha isoforms.



ICC (Immunocytochemistry)

High power image of HeLa cells stained with chicken casein kinase 1 alpha antibody (red) and our panspecific mouse monoclonal antibody to nuclear pore complexes MCA-39C7 (green). Casein kinase 1 alpha has a particulate distribution both in the nucleus and the cytoplasm. Blue is the Hoeschst DNA stain. High quality immunocytochemical images made using this antibody are shown in reference 4.



IHC (Immunohistochemistry)

Anti-CSNK1A1 / CK1 Alpha antibody IHC staining of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:500.

ADDITIONAL INFORMATION

Related Product Information for anti-CSNK1A1 antibody	CSNK1A1 Antibody, CK1 alpha Antibody, CK1a Antibody, CK1alpha Antibody, Clock regulator kinase Antibody, CK1 Antibody, Casein kinase 1 alpha Antibody, CK1a Antibody, CK1alpha Antibody, Down-regulated in lung cancer Antibody, HLCDGP1 Antibody, PRO2975 Antibody, Casein kinase 1, alpha 1 Antibody, Casein kinase I alpha Antibody, Casein kinase I isoform alpha Antibody, CKI-alpha Antibody Description: 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	68303572
NCBI GeneID	1452
NCBI Accession #	NP_001883.4
NCBI GenBank Nucleotide #	NM_001892.5
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 2
NCBI Official Synonym Full Names	casein kinase 1 alpha 1
NCBI Official Symbol	CSNK1A1
NCBI Official Synonym Symbols	CK1; CK1a; CK1a; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/csnk1a1-ck1-alpha-antibody-western-blot-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/52665>