

Rabbit CSNK1A1 Polyclonal Antibody | anti-CSNK1A1 antibody

CSNK1A1 Antibody (C-term)

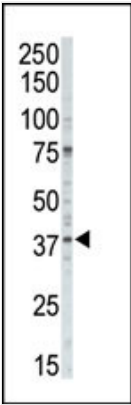
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286247	Rabbit	Human (Predicted Reactivity: Chicken, Xenopus)	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

CSNK1A1; Polyclonal Antibody; CSNK1A1 Antibody (C-term); Casein kinase I isoform alpha; CKI-alpha; CK1; anti-CSNK1A1 antibody

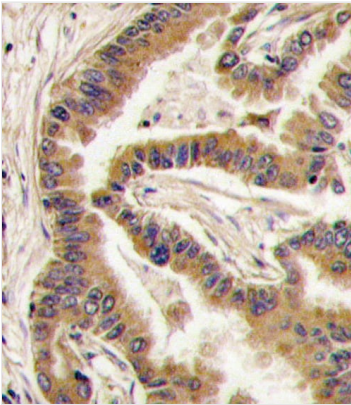
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CSNK1A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 309-337 amino acids from the C-terminal region of human CSNK1A1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.3 (varies by lot)
Sequence Positions	309-337
Sequence Length	365
Applicable Applications for anti-CSNK1A1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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.



WB (Western Blot)

Western blot analysis of anti-CK1a Pab in A375 cell lysate. CK1a (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with CK1a antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-CSNK1A1 antibody	Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. CK1a can phosphorylate a large number of proteins. This cytoplasmic protein participates in Wnt signaling. It has been demonstrated to phosphorylate CTNNB1 on Ser-45 and to interact with the Axin complex.
Product Categories/Family for anti-CSNK1A1 antibody	Signal Transduction
References	Liu, C., et al., Cell 108(6):837-847 (2002). Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002). Fish, K.J., et al., J. Biol. Chem. 270(25):14875-14883 (1995). Tapia, C., et al., FEBS Lett. 349(2):307-312 (1994).

NCBI AND UNIPROT INFORMATION

NCBI GI #	68303575
NCBI GeneID	1452
NCBI Accession #	NP_001020276.1 ; NP_001258670.1 ; NP_001258671.1 ; NP_001883.4
NCBI GenBank Nucleotide #	NM_001025105.2
UniProt Accession #	P48729 ; Q4JJA0 ; Q5U046 ; Q5U047 ; Q6FGA2 ; Q71TU5 ; Q96HD2 ; Q9UDK3 ; D3DQG0 ; D3DQG1
Molecular Weight	38915
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/csnk1a1-antibody-western-blot-immunohistochemistry-elisa/286247>