

Rabbit anti-Human, mouse CSNK1G2 Polyclonal Antibody | anti-CSNK1G2 antibody

CSNK1G2 Antibody (C-term)

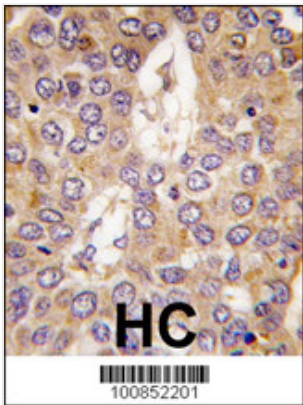
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288838	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

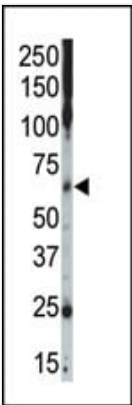
CSNK1G2; Polyclonal Antibody; CSNK1G2 Antibody (C-term); Casein kinase I isoform gamma-2; CKI-gamma 2; CK1G2; anti-CSNK1G2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CSNK1G2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 329-360 amino acids from the C-terminal region of human CSNK1G2.
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: 1.75 (varies by lot)
Sequence Positions	329-360
Sequence Length	415
Applicable Applications for anti-CSNK1G2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with CK1g2 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.



WB (Western Blot)
Western blot analysis of anti-CK1g2 C-term Pab in mouse muscle tissue lysate. CK1g2 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-CSNK1G2 antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The casein kinase 1 (CK1) group consists of 12 kinases including CK1, TTBK (tau tubulin kinase), and VRK (vaccinia-related kinase) families. The receptor guanylate cyclase (RGC) group consists of 5 kinases similar in domain sequence to TKs (ANP, CYG).
Product Categories/Family for anti-CSNK1G2 antibody	Cancer; Metabolism; Signal Transduction
References	Grimwood, J., et al., Nature 428(6982):529-535 (2004). Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002). Kitabayashi, A.N., et al., Genomics 46(1):133-137 (1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	153791733
NCBI GeneID	1455
NCBI Accession #	NP_001310.3
NCBI GenBank Nucleotide #	NM_001319.6
UniProt Accession #	P78368; O00704; Q8WUB1; B5BU42
Molecular Weight	47457
NCBI Official Full Name	casein kinase I isoform gamma-2
NCBI Official Synonym Full Names	casein kinase 1, gamma 2
NCBI Official Symbol	CSNK1G2
NCBI Official Synonym Symbols	CK1g2
NCBI Protein Information	casein kinase I isoform gamma-2
UniProt Protein Name	Casein kinase I isoform gamma-2

UniProt Gene Name	CSNK1G2
UniProt Synonym Gene Names	CK1G2; CKI-gamma 2
UniProt Entry Name	KC1G2_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://www.aaabiotech.com/polyclonal/csnk1g2-antibody-immunohistochemistry-western-blot-elisa/288838>