

Rabbit CK1 gamma 1 Polyclonal Antibody | anti-CSNK1G1 antibody

Anti-CK1 gamma 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260172	Rabbit	Human, Mouse, Rat, Bovine, Monkey	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CK1 gamma 1; Polyclonal Antibody; Anti-CK1 gamma 1 Antibody; Casein kinase I isoform gamma-1; CKI-gamma 1; anti-CSNK1G1 antibody

PRODUCT SPECIFICATIONS

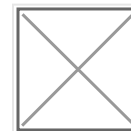
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of CK1 gamma 1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	422
Applicable Applications for anti-CSNK1G1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CK1 gamma 1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



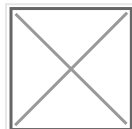
IF (Immunofluorescence)

Immunofluorescent analysis of CK1 gamma 1 staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of CK1 gamma 1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of CK1 gamma 1 expression in Jurkat (A), NIH3T3 (B), H9C2 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CSNK1G1 antibody	Rabbit polyclonal antibody to CK1 gamma 1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	98986450
NCBI GeneID	53944
NCBI Accession #	NP_071331.2
NCBI GenBank Nucleotide #	NM_022048.3
UniProt Accession #	Q9HCP0; Q5JPH1; Q96AE9; Q9HCP1
Molecular Weight	45,414 Da
NCBI Official Full Name	casein kinase I isoform gamma-1
NCBI Official Synonym Full Names	casein kinase 1, gamma 1
NCBI Official Symbol	CSNK1G1
NCBI Official Synonym Symbols	CK1gamma1
NCBI Protein Information	casein kinase I isoform gamma-1
UniProt Protein Name	Casein kinase I isoform gamma-1
UniProt Gene Name	CSNK1G1
UniProt Synonym Gene Names	CKI-gamma 1
UniProt Entry Name	KC1G1_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/ck1-gamma-1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/260172>