

Rabbit KC1AL Polyclonal Antibody | anti-CSNK1A1L antibody

KC1AL Antibody

CATALOG # AAA329125	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA
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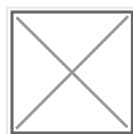
PRODUCT SYNONYMS

KC1AL; Polyclonal Antibody; KC1AL Antibody; Casein kinase 1; alpha 1 like; casein kinase 1; alpha 1-like; Casein kinase I alpha S like; Casein kinase I isoform alpha like; CK1; CKI alpha like; MGC33182; OTTHUMP00000018267; RP11 532O21.2; anti-CSNK1A1L antibody

PRODUCT SPECIFICATIONS

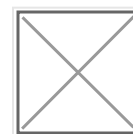
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	KC1AL Antibody detects endogenous levels of total KC1AL.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	337
Applicable Applications for anti-CSNK1A1L antibody	ELISA
Immunogen	A synthesized peptide derived from human KC1AL, corresponding to a region within C-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329125 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329125 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from various samples, using KC1AL Antibody. Lane 1: C6 cells, treated with blocking peptide; Lane 2: C6 cells; Lane 3: RAW264.7 cells. Observed bands: 33 kDa.



WB (Western Blot)

Western blot analysis of extracts from A549 c, using KC1AL Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CSNK1A1L antibody	Function: 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 (By similarity).
	Subcellular Location: Cytoplasm.
	Similarity: Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. Casein kinase I subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	269846834
NCBI GeneID	122011
NCBI Accession #	NP_660204.2
NCBI GenBank Nucleotide #	NP_660204.2
UniProt Accession #	Q8N752
Molecular Weight	Observed Molecular Weight: (Observed)40kD, 33kD. Predicted Molecular Weight: (Calculated)39kDa.
NCBI Official Full Name	casein kinase I isoform alpha-like
NCBI Official Synonym Full Names	casein kinase 1 alpha 1 like
NCBI Official Symbol	CSNK1A1L
NCBI Official Synonym Symbols	CK1
NCBI Protein Information	casein kinase I isoform alpha-like
UniProt Protein Name	Casein kinase I isoform alpha-like
UniProt Gene Name	CSNK1A1L
UniProt Entry Name	KC1AL_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/kc1al-antibody-elisa/329125>