

Rabbit LIM kinase 2 Polyclonal Antibody | anti-LIMK2 antibody

LIM kinase 2 antibody

CATALOG #	HOST	APPLICATIONS
AAA107623	Rabbit	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence

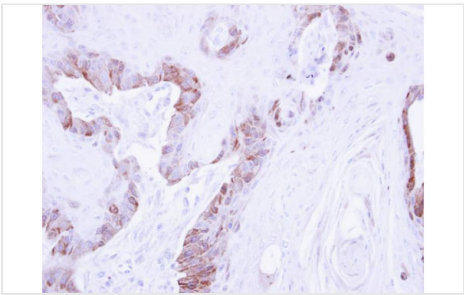
PRODUCT SYNONYMS

LIM kinase 2; Polyclonal Antibody; LIM kinase 2 antibody; Polyclonal LIM kinase 2; Anti-LIM kinase 2; LIM domain kinase 2; LIM kinase -2; LIMK2; anti-LIMK2 antibody

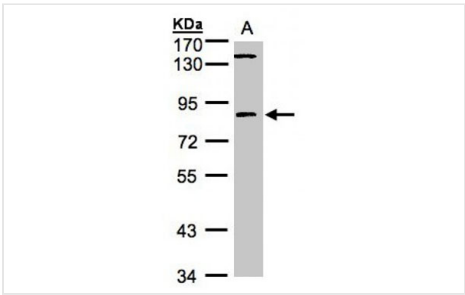
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	LIM kinase 2 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	638
Applicable Applications for anti-LIMK2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	There are approximately 40 known eukaryotic LIM proteins, so named for the LIM domains they contain. LIM domains are highly conserved cysteine-rich structures containing 2 zinc fingers. Although zinc fingers usually function by binding to DNA or RNA, the LIM motif probably mediates protein-protein interactions. LIM kinase-1 and LIM kinase-2 belong to a small subfamily with a unique combination of 2 N-terminal LIM motifs and a C-terminal protein kinase domain. The protein encoded by this gene is phosphorylated and activated by ROCK, a downstream effector of Rho, and the encoded protein, in turn, phosphorylates cofilin, inhibiting its actin-depolymerizing activity. It is thought that this pathway contributes to Rho-induced reorganization of the actin cytoskeleton.
Cross-Reactivity	Human
Immunogen	LIM kinase 2 antibody was raised in rabbit using a recombinant protein fragment contain a sequence corresponding to a region within amino acids 294 and 655 of LIM kinase 2
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

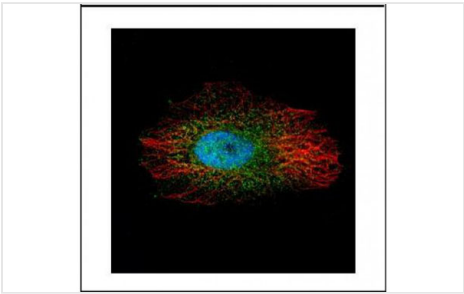
IMAGES



IHC (Immunohistochemistry)
Immunohistochemical staining of paraffin-embedded CA922 xenograft using LIM kinase 2 antibody at a dilution of 1:500



WB (Western Blot)
Western blot analysis of 30 ug whole cell lysate (A:293T) using a 7.5 % SDS PAGE gel and LIM kinase 2 antibody at a dilution of 1:1000



IF (Immunofluorescence)
Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using LIM kinase 2 antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-LIMK2 antibody	Affinity purified Rabbit polyclonal LIM kinase 2 antibody
Product Categories/Family for anti-LIMK2 antibody	DNA & RNA; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031869
NCBI GeneID	3985
NCBI Accession #	NP_005560.1
NCBI GenBank Nucleotide #	NM_005569.3
UniProt Accession #	P53671; Q7KZ80; Q7L3H5; Q96E10; Q99464; Q9UFU0; A8K6H5
Molecular Weight	78 kDa
NCBI Official Full Name	LIM domain kinase 2 isoform 2a
NCBI Official Synonym Full Names	LIM domain kinase 2
NCBI Official Symbol	LIMK2
NCBI Protein Information	LIM domain kinase 2
UniProt Protein Name	LIM domain kinase 2
UniProt Gene Name	LIMK2
UniProt Synonym Gene Names	LIMK-2

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/lim-kinase-2-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/107623>