

Rabbit anti-Human, Mouse LIMS1 Polyclonal Antibody | anti-LIMS1 antibody

LIMS1 Polyclonal Antibody

CATALOG # AAA281161	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

LIMS1; Polyclonal Antibody; LIMS1 Polyclonal Antibody; PINCH; PINCH-1; PINCH1; anti-LIMS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MANALASATC ERCKGGFAPA EKIVNSNGEL YHEQCFVCAQ CFQQFPEGLF YEFEGRKYCE HDFQMLFAPC CHQCGEFIIG RVIKAMNNSW HPECFRCDLC QEVLADIGFV KNAGRHLCRP CHNREKARGL GKYICQKCHA IIDEQPLIFK NDPYHPDHFN CANGKELTA DARELKGELY CLPCHDKMGV PICGACRRPI EGRVVNAMGK QWHVEHFVCA KCEKPFLGHR HYERKGLAYC ETHYNQLFGD VCFHC
Sequence Length	329
Applicable Applications for anti-LIMS1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human LIMS1
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cell junction, Cell membrane, Cytoplasmic side, Peripheral membrane protein, focal adhesion
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using LIMS1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of mouse heart, using LIMS1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-LIMS1 antibody	The protein encoded by this gene is an adaptor protein which contains five LIM domains, or double zinc fingers. The protein is likely involved in integrin signaling through its LIM domain-mediated interaction with integrin-linked kinase, found in focal adhesion plaques. It is also thought to act as a bridge linking integrin-linked kinase to NCK adaptor protein 2, which is involved in growth factor receptor kinase signaling pathways. Its localization to the periphery of spreading cells also suggests that this protein may play a role in integrin-mediated cell adhesion or spreading. Several transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-LIMS1 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	301601605
NCBI GeneID	3987
NCBI Accession #	NP_001180411.1
NCBI GenBank Nucleotide #	NM_001193482.1
UniProt Accession #	P48059 ; Q53TE0 ; Q9BS44 ; B2RAJ4 ; B7Z483 ; B7Z7R3 ; B7Z907
Molecular Weight	Calculated: 37kDa; 38kDa; 41kDa; 44kDa Observed: 37kDa
NCBI Official Full Name	LIM and senescent cell antigen-like-containing domain protein 1 isoform c
NCBI Official Synonym Full Names	LIM zinc finger domain containing 1
NCBI Official Symbol	LIMS1
NCBI Official Synonym Symbols	PINCH; PINCH1; PINCH-1
NCBI Protein Information	LIM and senescent cell antigen-like-containing domain protein 1
UniProt Protein Name	LIM and senescent cell antigen-like-containing domain protein 1
UniProt Gene Name	LIMS1
UniProt Synonym Gene Names	PINCH; PINCH1; PINCH-1

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/lims1-antibody-immunofluorescence-western-blot-elisa/281161>