

Mouse LIMK1 Monoclonal Antibody | anti-LIMK1 antibody

LIMK1 (LIM Domain Kinase 1, LIMK-1, LIMK) (HRP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25441	Mouse	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

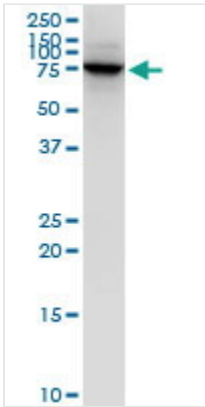
PRODUCT SYNONYMS

LIMK1; Monoclonal Antibody; LIMK1 (LIM Domain Kinase 1; LIMK-1; LIMK) (HRP); anti-LIMK1 antibody

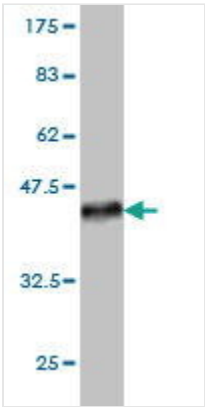
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1A8
Specificity	Recognizes human LIMK1. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-LIMK1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa548-647 from human LIMK1 (NP_002305) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	ADPDYLPRTMDFGLNVRGFLDRYCPPNCPPSFFPITVRCCDLDPKRPFSVKLEHWLETLMHLAGHLPLGPQLEQLDRGFWETYRRGESGLPAHPEV
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

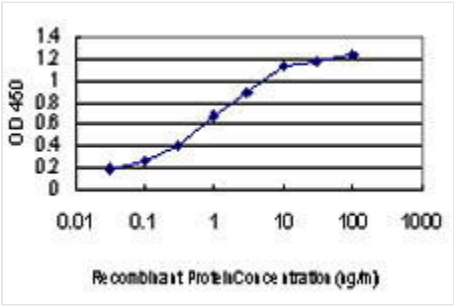
IMAGES



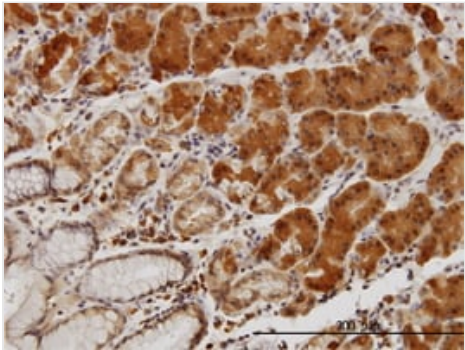
WB (Western Blot)
LIMK1 monoclonal antibody. Western Blot analysis of LIMK1 expression in PC-12.



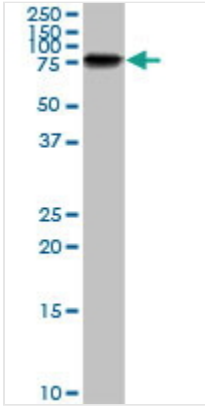
WB (Western Blot)
Western Blot detection against Immunogen (36.74kD).



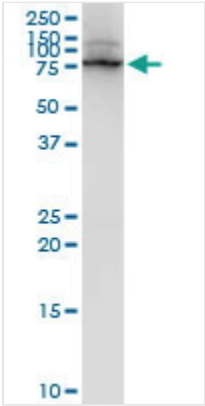
Application Data
Detection limit for recombinant GST tagged LIMK1 is ~0.03ng/ml as a capture antibody.



IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to LIMK1 on formalin-fixed paraffin-embedded human stomach. [antibody concentration 3ug/ml]



WB (Western Blot)
LIMK1 monoclonal antibody. Western Blot analysis of LIMK1 expression in NIH/3T3.



WB (Western Blot)
LIMK1 monoclonal antibody. Western Blot analysis of LIMK1 expression in Raw 264.7.

ADDITIONAL INFORMATION

Product Categories/Family for anti-LIMK1 antibody	Antibodies; Protein Kinases
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505001
NCBI GeneID	3984
NCBI Accession #	NP_002305

NCBI GenBank Nucleotide #	NM_002314
Molecular Weight	68,729 Da
NCBI Official Full Name	LIM domain kinase 1 isoform 1
NCBI Official Synonym Full Names	LIM domain kinase 1
NCBI Official Symbol	LIMK1
NCBI Official Synonym Symbols	LIMK; LIMK-1
NCBI Protein Information	LIM domain kinase 1; LIM motif-containing protein kinase

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/monoclonal/limk1-antibody-clone-1a8-immunohistochemistry-western-blot-elisa/25441>