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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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LIMK2 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00003985-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human LIMK2 protein.

Immunogen: LIMK2 (NP_001026971.1, 1 a.a. ~ 686 a.a) full-length human protein.

Sequence:
 MGSYLSVPAYFTSRDLFRCSQCQDSL TNWYYEKDGKLYCPKDYWGKF
 GEFCHGCSLLMTGPFMVAGEFKYHPECFACMSCKVIIEDGDAYALVQHA
 TLYCGKCHNEVLAPMFERLSTESVQEQLPYSVT LISMPATTEGRRGFS
 VSVESACSNYATTVQVKEVNRMHISPNRNAIHPGDRILEINGTPVRTLRV
 EEVEDAISQTSQTLQLLIEHDPVSQRDQLRLEARLAPHMQNAGHPHALS
 TLDTKENLEGLRRLRRSLSNSISKSPGPSSPKEPLFSRDISRSESLRC
 SSSYSQQIFRPCDLIHGEVLGKGFFGQAIKVT HKATGKVMVMKELIRCDE
 ETQKTFLTEVKVMRSLDHPNVLKFIGVL YKDKKLNLLTEYIEGGTLKDFLR
 SMDPFPWQQKVRFAKGIASGMAYLHSMCIHRDLNSHNCLIKLDKTVVVA
 DFGLSRLIVEERKRAPMEKATTKKRTLKNDKRKKRYTVVGNPYWMAPE
 MLNGKSYDETVDIFSFGVLC EIGQVYADPCLPRTLDFGLNVKLFWEKF
 VPTDCPPAFFPLAAICCRLEPESRAPPGAAGEGPGCADDEGPVRRQ GK
 VTIKYDPKELRKHLNLEEWILEQLTRLYDCQEEEEISELEIDVDELLDMESD
 DAWASRVKELLVDCYKPT EAFISGLLDKIRAMQKLSTPQKK

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

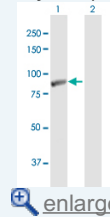
Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Datasheet:  [Download](#)

Application Image

Western Blot (Transfected lysate)

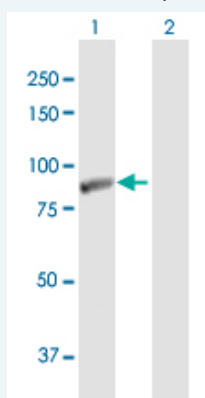


Immunofluorescence



Applications

Western Blot (Transfected lysate)

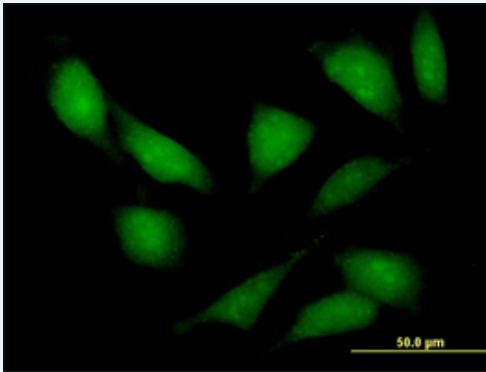



Western Blot analysis of LIMK2 expression in transfected 293T cell line (H00003985-T01) by LIMK2 MaxPab polyclonal antibody.

Lane1:LIMK2 transfected lysate(75.46 KDa).
Lane2:Non-transfected lysate.

 [Protocol Download](#)

Immunofluorescence



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Immunofluorescence of purified MaxPab antibody to LIMK2 on HeLa cell. [antibody concentration 10 ug/ml]

 [Protocol Download](#)

Gene Information

Entrez GeneID: [3985](#)

GeneBank [NM_001031801.1](#)
Accession#:

Protein [NP_001026971.1](#)
Accession#:

Gene Name: LIMK2

Gene Alias: -

Gene LIM domain kinase 2
Description:

Omim ID: [601988](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. At least three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other -
Designations:

Gene Pathway

[Axon guidance](#) [Fc gamma R-mediated phagocytosis](#) [Regulation of actin cytoskeleton](#)

Related Disease

[Azoospermia](#) [Infertility](#), [Male Kidney Failure](#), [Chronic Oligospermia](#) [Tobacco Use Disorder](#)

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