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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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LIMK2 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00003985-D01P

規格 : [100 ug]

List All

Specification

Product Description: Rabbit 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
 VSVESACSNYATTVQVKEVNRMHISPNRNIHPGDRILEINGTPVRTLRV
 EEVEDAISQTSQTLQLLIEHDPVSQRLDQLRLEARLAPHMQNAGHPHALS
 TLDTKENLEGLRRRSLRRSNSISKSPGSPKPELLFSRDISRSESLRC
 SSSYSQQIFRPCDLIHGEVLGKGF FGQAIVTHKATGKVMVMKELIRCDE
 ETQKTFLTEVKVMRSLDHPNVLKFIGVL YKDKKLNLLTEYIEGGTLKDFLR
 SMDPFPWQQKVRFAKGIASGMAYLHSMCIHRDLNSHNCLIKLDKTVVVA
 DFGLSRLIVEERKRAPMEKATTKKRTLKNDRKKRYTVVGNPYWMAPE
 MLNGKSYDETVDIFSGVMLCEIIGQVYADPCLPRTLDFGLNVKLFWEKF
 VPTDCPPAFFPLAAICCRLEPESRAPPGAAGEGPGCADDEGPVRRQ GK
 VTIKYDPKELRKHLNLEEWILEQLTRLYDCQEEEEISELEIDVDELDMESD
 DAWASRVKELLVDCYKPTEAFISGLLDKIRAMQKLSTPQKK

Host: Rabbit

Reactivity: Human, Mouse

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

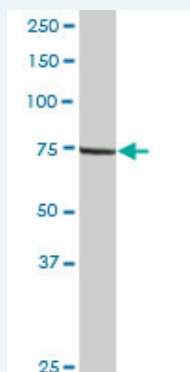
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

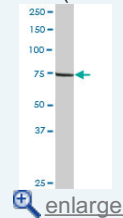
Western Blot (Tissue lysate)



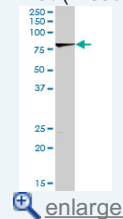
LIMK2 MaxPab rabbit polyclonal antibody. Western Blot analysis of LIMK2 expression in human liver.

Application Image

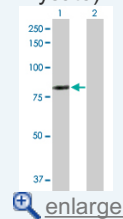
Western Blot (Tissue lysate)



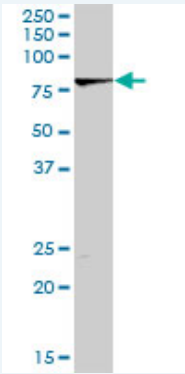
Western Blot (Tissue lysate)



Western Blot (Transfected lysate)

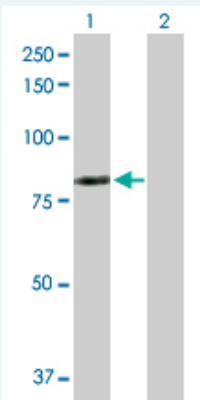


Western Blot (Tissue lysate)



LIMK2 MaxPab rabbit polyclonal antibody. Western Blot analysis of LIMK2 expression in mouse kidney.

Western Blot (Transfected lysate)



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

Lane 1: LIMK2 transfected lysate(77.90 KDa).
Lane 2: Non-transfected lysate.

Gene Information

Entrez GeneID: [3985](#)

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

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

Gene Name: LIMK2

Gene Alias: -

Gene Description: LIM domain kinase 2

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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