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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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LIMK2 polyclonal antibody (A01)

Catalog # : H00003985-A01

規格 : [50 uL]

List All

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant LIMK2.

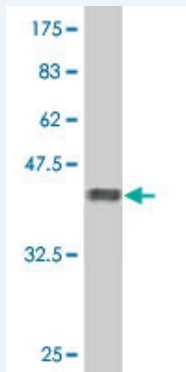
Immunogen: LIMK2 (NP_005560, 152 a.a. ~ 252 a.a) partial recombinant protein with GST tag.

Sequence: LISMPATTEGRRRGFSVSVESACSNYATTVQVKEVNRMHISPNNRINAHPG
DRILEINGTPVRTLRVEEVEDAISQTSQTLQLLIEHDPVSQRLDQLRLEAR

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.22 KDa) .

Storage Buffer: 50 % glycerol

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

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [3985](#)

GeneBank Accession#: [NM_005569](#)

Protein [NP_005560](#)

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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