



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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# LIMK1 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00003984-B01P

規格 : [ 50 ug ]

[List All](#)

## Specification

**Product Description:** Mouse polyclonal antibody raised against a full-length human LIMK1 protein.

**Immunogen:** LIMK1 (AAI52983.1, 1 a.a. ~ 647 a.a) full-length human protein.

**Sequence:**  
 MRLTLLCCTWREERMGEEGSELPVCASCGQRIYDGQYLQALNADWHA  
 DCFRCCDCSASLSHQYYEKDGLFCCKDYWARYGESCHGCSEQITKGL  
 VMVAGELKYHPECFICLTCGTFIGDGDYTLVEHSKLYCGHCYYQTWV  
 PVIEQILPDSFGSHLPHTVTLVSIASSHGKRLSVSIDPPHGPPGCGTEH  
 SHTVRVQGVDPGCMSPDVKNSIHVGDRILEINGTPIRNVPLDEIDLLIQETS  
 RLLQLTLEHDPHDTLGHGLGPETSPLSSPAYTPSGEAGSSARQKPVLR  
 CSIDRSPGAGSLGSPASQRKDLGRSESLRVVCRPHRIFRPSDLIHGEVLG  
 KGCFGQAIKVTHRETGEVMMKELIRFDEETQRTFLKEVKVMRCLEHPN  
 VLKFIGVLYKDKRLNFITEYIKGGTLRGIKSMDSQYPWSQRVSAKDIASG  
 MAYLHSMNIIHRDLNSHNCLVRENKNVVADFGLARLMVDEKTQPEGLRS  
 LKKPDRKKRYTVVGNPYWMAPEMINGRSYDEKVDVFSFGVLCCEIIGRVN  
 ADPDYLPRTMDFGLNVRGFLDRYCPPNCPSPFFPITVRCCDLDPKRP  
 FVKLEHWLETLRMHLAGHLPLGPQLEQLDRGFWETVRRGESGLPAHPE  
 VPD

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

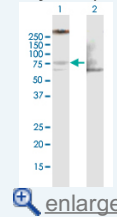
**Storage Buffer:** In 1x PBS, pH 7.4

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

**Datasheet:**  [Download](#)

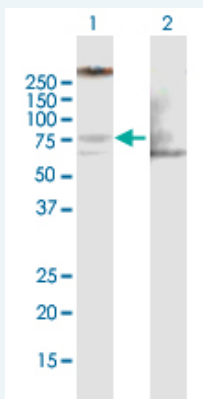
## Application Image

Western Blot (Transfected lysate)



## Applications

Western Blot (Transfected lysate)



Western Blot analysis of LIMK1 expression in transfected 293T cell line (H00003984-T01) by LIMK1 MaxPab polyclonal antibody.

Lane 1: LIMK1 transfected lysate(71.17 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

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## Gene Information

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**Entrez GeneID:** [3984](#)

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**GeneBank  
Accession#:** [BC152982](#)

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**Protein  
Accession#:** [AAI52983.1](#)

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**Gene Name:** LIMK1

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**Gene Alias:** LIMK

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**Gene  
Description:** LIM domain kinase 1

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**Omim ID:** [601329](#)

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**Gene Ontology:** [Hyperlink](#)

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**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. LIMK1 is likely to be a component of an intracellular signaling pathway and may be involved in brain development. LIMK1 hemizyosity is implicated in the impaired visuospatial constructive cognition of Williams syndrome. [provided by RefSeq]

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**Other  
Designations:** LIM motif-containing protein kinase,OTTHUMP00000025066

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## Gene Pathway

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

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## Related Disease

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[Brain Ischemia](#) [Cerebral Hemorrhage](#) [Cleft Lip](#) [Cleft Palate](#)  
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[Renal Insufficiency](#) [Chronic Stroke](#) [Werner syndrome](#)

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