

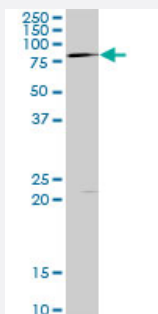
MaxPab®

LIMK1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003984-D01P

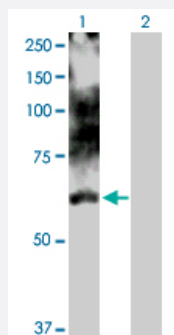
Size 100 ug

Applications



Western Blot (Tissue lysate)

LIMK1 MaxPab rabbit polyclonal antibody. Western Blot analysis of LIMK1 expression in mouse brain.

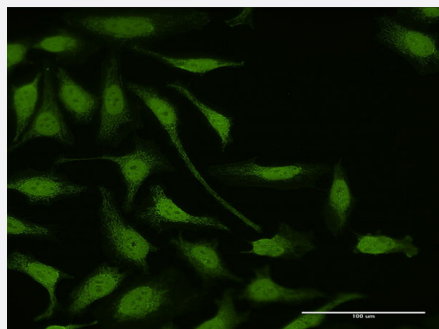


Western Blot (Transfected lysate)

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.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to LIMK1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Rabbit 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	MRLTLLCCTWREERMGEEGSELPVCASCGQRIYDGQYLQALNADWHADCFRCCDCSASLSHQY YEKDGQLFCKKDYWARYGESCHGCSEQITKGLVMVAGELKYHPECFICLTCGTFIGDGDYTLVE HSKLYCGHCYYQTVVTPVIEQILPDSPGSHLPHTVTLVSIPASSHGKRLSVSIDPPHGGPPGCGTE HSHTVRVQGVDPGCMSPDVKNSIHVGDRILEINGTPIRNVPLDEIDLLIQETSRLLQLTLEHDPHDTL GHGLGPETSPLSSPAYTPSGEAGSSARQKPVLRSCSIDRSPGAGSLGSPASQRKDLGRSESLRV VCRPHRIFRPSDLIHGEVLGKGCFGQAIKVTHRETGEVMVMKELIRFDEETQRTFLKEVKVMRCLE HPNVLKFIGVLYKDKRLNFITEYIKGGTLRGIKSMDSQYPWSQRVSFADKDIASGMAYLHSMNIIHRDL NSHNCLVRENKNVVVADFGLARLMVDEKTQPEGLRSLKKPDRKKRYTVVGNPYWMAPEMINGR SYDEKVDVFSFGMLCEIIGRVNADPDYLPRTMDFGLNVRGFLDRYCPNPCPPSFFPITVRCCDLD PEKRPSFVKLEHWLETLRMHLAGHLPLGPQLEQLDRGFWETYRRGESGLPAHPEVPD
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.

Applications

- Western Blot (Tissue lysate)

LIMK1 MaxPab rabbit polyclonal antibody. Western Blot analysis of LIMK1 expression in mouse brain.

[Protocol Download](#)

- Western Blot (Transfected lysate)

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

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to LIMK1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — LIMK1

Entrez GeneID

[3984](#)

GeneBank Accession#	BC152982
Protein Accession#	AAI52983.1
Gene Name	LIMK1
Gene Alias	LIMK
Gene Description	LIM domain kinase 1
Omim ID	601329
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. LIMK1 is likely to be a component of an intracellular signaling pathway and may be involved in brain development. LIMK1 hemizygosity is implicated in the impaired visuospatial constructive cognition of Williams syndrome. [provided by RefSeq]
Other Designations	LIM motif-containing protein kinase OTTHUMP00000025066

Pathway

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

Disease

- [Brain Ischemia](#)
- [Cerebral Hemorrhage](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)

- [Intracranial Aneurysm](#)
- [Metabolic Syndrome X](#)
- [Renal Insufficiency](#)
- [Stroke](#)
- [Werner syndrome](#)