

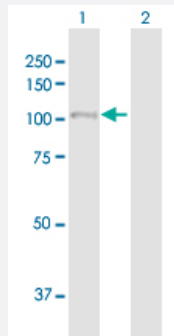
MaxPab®

LARS2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00023395-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of LARS2 expression in transfected 293T cell line ([H00023395-T01](#)) by LARS2 MaxPab polyclonal antibody.

Lane 1: LARS2 transfected lysate(99.33 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human LARS2 protein.

Immunogen

LARS2 (NP_056155.1, 1 a.a. ~ 903 a.a) full-length human protein.

Sequence

MASVWQRLGFYASLLKRQLNGGPDVIKWERRVIPGCTRSIYSATGKWTKEYTLQTRKDVEKWWH
QRIKEQASKISEADKSKPKFYVLSMFPYPSGKLHMGHVRVYTISDTIARFQKMRGMQVINPMGWD
AFGLPAENAAVERNLHPQSWTQSNIKHMRKQLDRLGLCFSWDREITTCLPDYYKWTQYLFIKLYEA
GLAYQKEALVNWDVPDQTVLANEQVDEHGCSWRSGAKVEQKYLRQWFIKTTAYAKAMQDALAD
LPEWYGIKGMQAHWIGDCVGCHLDFTLVHVGQATGEKLTAYTATPEAYGTSHVAISPSHRLHGH
SSLKEALRMALVPGKDCLTPVMAVNMLTQQEVPVILAKADLEGSLDSKIGIPSTSSSEDILAQTL
GLAYSEVIETLPDGTERRLSSSAEFTGMTRQDAFLALTQKARGKRVGGDVTSDKLKDWLISRQRW
GTPIPIVHCPVCGPTVPLEDLPVTLPNIASFTGKGGPPLAMASEWVNCSCPRCKGAARKRETD
DTFVDSAWYYFRYTDPHNPHSPFNTAVADYWMVPVDLYGGKEHAVMHLFYARFFSHFCHDQKMV
KHREPFHKLLAQGLIKGQTFRLPSGQYLQREEVDLTGSVPVHAKTKEKLEVTWEKMSKSKHNGV
DPEEVVEQYIGDITIRLYLFAAPPEKDILWDVKTDALPGVLRWQQRLWTLTTRFIEARASGKSPQPQ
LLSNKEKAEARKLWEYKNSVISQVTTHFTEDFSLNSAISQLMGLSNALSQASQSVILHSPEFEDAL
CALMVMAAPLAPHVTSEIWAGLALVPRKLCAHYTWDASVLLQAWPAVDPEFLQQPEVVQMAVLI
NNKACGKIPVPQQVARDQDKVHEFVLQSELGVRLLQGRSIIKSFLSPRTALINFLVQD

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (86); Rat (82)
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.

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[Protocol Download](#)

Gene Info — LARS2

Entrez GeneID	23395
GeneBank Accession#	NM_015340.3
Protein Accession#	NP_056155.1
Gene Name	LARS2
Gene Alias	KIAA0028, LEURS, MGC26121
Gene Description	leucyl-tRNA synthetase 2, mitochondrial
Omim ID	604544
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a class 1 aminoacyl-tRNA synthetase, mitochondrial leucyl-tRNA synthetase. Each of the twenty aminoacyl-tRNA synthetases catalyzes the aminoacylation of a specific tRNA or tRNA isoaccepting family with the cognate amino acid. [provided by RefSeq]
Other Designations	leucine tRNA ligase 2, mitochondrial leucine transylase leucine-tRNA ligase

Pathway

- [Aminoacyl-tRNA biosynthesis](#)
- [Valine](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)