

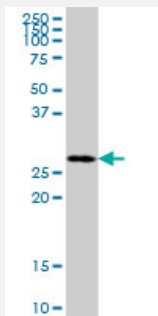
MaxPab®

# MRPL46 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00026589-B01P

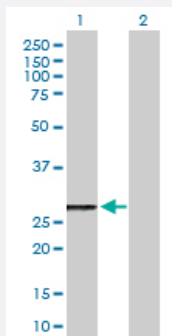
Size 50 ug

## Applications



### Western Blot (Tissue lysate)

MRPL46 MaxPab polyclonal antibody. Western Blot analysis of MRPL46 expression in human liver.



### Western Blot (Transfected lysate)

Western Blot analysis of MRPL46 expression in transfected 293T cell line ([H00026589-T02](#)) by MRPL46 MaxPab polyclonal antibody.

Lane 1: MRPL46 transfected lysate(30.69 KDa).

Lane 2: Non-transfected lysate.

## Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MRPL46 protein.
Immunogen	MRPL46 (NP_071446, 1 a.a. ~ 279 a.a) full-length human protein.
Sequence	MAAPVVRTLLGVAGGWRRFERLWAGSLSSRSLALAAAPSSNGSPWRLLGALCLQRPPVVS KPLTPLQEEMASLLQQIEIERSLYSDHELRAIDENQRLAKKKADLHDEEDEQDILLAQDLEDMWEQKF LQFKLGARITEADEKNDRTSLNRKLDRLVLLVREKFGDQDVWILPQAEWQPGETLRGTAERTLA TLSENNMEAKFLGNAPCGHYTFKFPQAMRTESNLGAKVFFFKALLLTGDFSQAGNKGHHVWVTK DELGDYLPKYLAQVRRFVSDL
Host	Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (80); Rat (81)
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)

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[Protocol Download](#)

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## Gene Info — MRPL46

Entrez GeneID	<a href="#">26589</a>
GeneBank Accession#	<a href="#">NM_022163</a>
Protein Accession#	<a href="#">NP_071446</a>
Gene Name	MRPL46
Gene Alias	C15orf4, LIECG2, MGC22762, P2ECSL
Gene Description	mitochondrial ribosomal protein L46
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 39S subunit protein. [provided by RefSeq]

**Other Designations**

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**Disease**

- [Tobacco Use Disorder](#)