

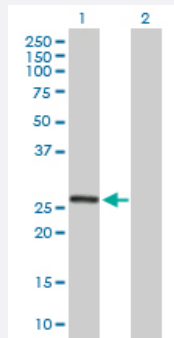
MaxPab®

MRPL10 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00124995-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MRPL10 expression in transfected 293T cell line ([H00124995-T03](#)) by MRPL10 MaxPab polyclonal antibody.

Lane 1: MRPL10 transfected lysate(28.71 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MRPL10 protein.
Immunogen	MRPL10 (NP_660298.2, 1 a.a. ~ 261 a.a) full-length human protein.
Sequence	MAAAVAGMLRGLLPQAGRLPTLQTVRYGSKAVTRHRRVMHFQRQKLMAVTEYIPPKPAIHPSCLPSPSPPPQEEIGLIRLLRREIAAVFQDNRMIAVCQNVALSAEDKLLMRHQLRKHKILMKVFPNQVLKPFLEDSKYQNLLPLFVGHNMLLVSEEPKVKEVMRILRTVPFLPLLGGCIDDITLSRQGFINYSKLPSLPLVQGELVGGLTCLTAQTHSLLQHQPQLLTLLDQYIREQREKDSVMSANGKPDPTVPDS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77); 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.

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[Protocol Download](#)

Gene Info — MRPL10

Entrez GeneID [124995](#)

GeneBank Accession# [NM_145255](#)

Protein Accession# [NP_660298.2](#)

Gene Name MRPL10

Gene Alias L10MT, MGC17973, MRP-L10, MRP-L8, MRPL8, RPML8

Gene Description mitochondrial ribosomal protein L10

Gene Ontology [Hyperlink](#)

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 28 S 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. A pseudogene corresponding to this gene is found on chromosome 5q. [provided by RefSeq]

Other Designations 39S ribosomal protein L10, mitochondrial

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)

- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)