

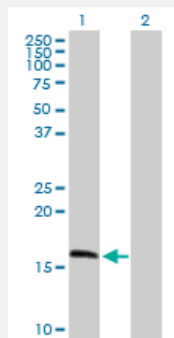
MaxPab®

MRPS11 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00064963-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MRPS11 expression in transfected 293T cell line ([H00064963-T02](#)) by MRPS11 MaxPab polyclonal antibody.

Lane 1: MRPS11 transfected lysate(21.34 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MRPS11 protein.
Immunogen	MRPS11 (NP_073750.2, 1 a.a. ~ 194 a.a) full-length human protein.
Sequence	MQAVRNAGSRFLRSWTPQTAGRVARTPAGTICTGARQLQDAAAKQKVEQNAAPSHTKFSIYP PIPGEESSLRWAGKKFEEIPAHIAHIKASHNNTQIQVVSASNEPLAFASCGTEGFRNAKKGTGIAAQTA GIAAARAKQKGVHHRVVVKGLGPGRLSAMHGLIMGGLEVISITDNTPIPHNGCRPRKARKL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (71); Rat (74)
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 — MRPS11

Entrez GeneID [64963](#)

GeneBank Accession# [NM_022839.2](#)

Protein Accession# [NP_073750.2](#)

Gene Name MRPS11

Gene Alias FLJ22512, FLJ23406, HCC-2

Gene Description mitochondrial ribosomal protein S11

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 28S subunit protein that contains a high level of sequence similarity with ribosomal protein S11P family members. A pseudogene corresponding to this gene is found on chromosome 20. Sequence analysis identified two transcript variants that encode different protein isoforms. [provided by RefSeq]

Other Designations cervical cancer proto-oncogene 2