

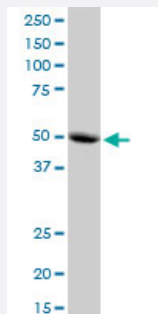
MaxPab®

# MRPS30 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010884-B01P

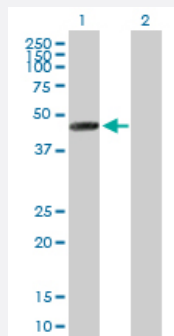
Size 50 ug

## Applications



### Western Blot (Cell lysate)

MRPS30 MaxPab polyclonal antibody. Western Blot analysis of MRPS30 expression in A-431.



### Western Blot (Transfected lysate)

Western Blot analysis of MRPS30 expression in transfected 293T cell line ([H00010884-T01](#)) by MRPS30 MaxPab polyclonal antibody.

Lane 1: MRPS30 transfected lysate(48.29 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human MRPS30 protein.

### Immunogen

MRPS30 (NP\_057724.2, 1 a.a. ~ 439 a.a) full-length human protein.

### Sequence

MAAARCWRPLLRGPRLSLHTAANAAATATETTCQDVAATPVARYPPIVASMTADSKAARLRRIER  
WQATVHAAESVDEKLRILTKMQFMKYMVYPQTFALNADRWYQYFTKTVFLSGLPPPPAEPEPEP  
EPEPEPALDLAALRAVACDCLLQEHFYLRRRRRVHRYEESEVISLPFLDQLVSTLVGLLSPHNPAL  
AAAALDYRCPVHFWVRGEEIIPRGHRRGRIDDLRYQIDDKPNNQIRISKQLAEFVPLDYSVPIEPTI  
KCKPDKLPLFKRQYENHIFVGSKTADPCCYGHQTQHLLPDKLRRERLLRQNCADQIEVVFRANAIA  
SLFAWTGAQAMYQGFVSEADVTRPFVSVQAVITDGKYFSFFCYQLNTLALTTQADQNNPRKNICW  
GTQSKPLYETIEDNDVKGFNDLVLLQVHFLNRPKEEKSQLEN

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (73); Rat (73)
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 (Cell lysate)

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[Protocol Download](#)

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[Protocol Download](#)

## Gene Info — MRPS30

Entrez GeneID	<a href="#">10884</a>
GeneBank Accession#	<a href="#">NM_016640</a>
Protein Accession#	<a href="#">NP_057724.2</a>
Gene Name	MRPS30
Gene Alias	DKFZp566B2024, MRP-S30, PAP, PDCD9
Gene Description	mitochondrial ribosomal protein S30
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 28S subunit protein that is similar to the chicken pro-apoptotic protein p52. Transcript variants using alternative promoters or polyA sites have been mentioned in the literature but the complete description of these sequences is not available. [provided by RefSeq]

**Other Designations**

(HSA)PAP protein|programmed cell death 9

**Disease**

- [Breast Neoplasms](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)