

MRP-S30 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05611
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human MRPS30. AA range:390-439
Mol wt	50365
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	MRP-S30 Antibody
Synonyms	MRPS30; PDCD9; BM-047; 28S ribosomal protein S30; mitochondrial; MRP-S30; S30mt; Programmed cell death protein 9

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

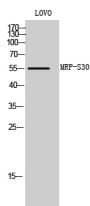
Recommended Dilution

WB: 1: 500 - 1: 2000

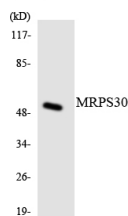
ELISA: 1: 10000

Not yet tested in other applications.

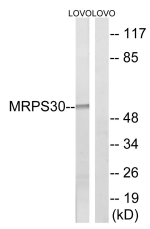
Images



Western Blot analysis of LOVO cells using MRP-S30 Polyclonal Antibody



Western blot analysis of the lysates from Jurkat cells using MRPS30 antibody.



Western blot analysis of lysates from LOVO cells, using MRPS30 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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