

For Research Use Only

MRPS15 Polyclonal antibody

Catalog Number: 17006-1-AP **13 Publications**



Basic Information

Catalog Number: 17006-1-AP	GenBank Accession Number: BC031336	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 64960	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	Full Name: mitochondrial ribosomal protein S15	IHC 1:20-1:200 IF 1:50-1:500
Isotype: IgG	Calculated MW: 257 aa, 30 kDa	
Immunogen Catalog Number: AG10702	Observed MW: 25-30 kDa	

Applications

Tested Applications:
IF, IHC, IP, WB, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, mouse liver tissue, MCF-7 cells, Raji cells

IP : mouse brain tissue,

IHC : human spleen tissue,

IF : HepG2 cells,

Background Information

MRPS15, also named as RPMS15 or DC37, is a 257 amino acid protein, which belongs to the ribosomal protein S15P family. MRPS15 localizes in the Mitochondrion and is a component of the mitochondrial ribosome small subunit (28S) which comprises a 12S rRNA and about 30 distinct proteins. MRPS15 is involved into the mitochondrial proteins biosynthesis and ribosomal biogenesis.

Notable Publications

Author	Pubmed ID	Journal	Application
Ying Shu	36314841	EMBO J	WB
Luis Daniel Cruz-Zaragoza	34672953	Cell	WB
Ricarda Richter-Dennerlein	27693358	Cell	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
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