

For Research Use Only

MRPP3 Monoclonal antibody

Catalog Number: 68168-1-Ig



Basic Information

Catalog Number: 68168-1-Ig	GenBank Accession Number: BC032221	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 9692	CloneNo.: 1G9A10
Source: Mouse	UNIPROT ID: O15091	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: KIAA0391	
Immunogen Catalog Number: AG15629	Calculated MW: 583 aa, 67 kDa	
	Observed MW: 65-67 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, Mouse, Pig

Positive Controls:

WB : HeLa cells, HepG2 cells, NIH/3T3 cells, HEK-293 cells, K-562 cells, pig liver tissue

Background Information

MRPP3 (Mitochondrial ribonuclease P protein 3), originally known as KIAA0391, has been identified as a member of human mitochondrial RNase P (mtRNase P), the endonuclease responsible for tRNA 5' end maturation by removing extra nucleotides from tRNA precursors at their 5' termini. Recently Daniel et al. reported that Rnase P and other mitochondrial RNA processing enzymes are localized near mt DNA nucleoids where they can initiate process of primary transcripts. (24703694)

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

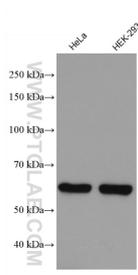
For technical support and original validation data for this product please contact:

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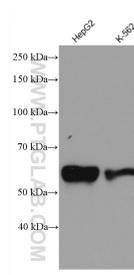
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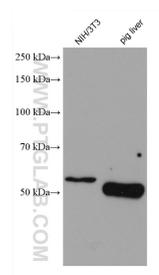
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68168-1-Ig (MRPP3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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