

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	Positive Controls:	WB : HeLa cells, HepG2 cells, NIH/3T3 cells, HEK-293 cells, K-562 cells, pig liver tissue
Species Specificity:	Human, Mouse, Pig		

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

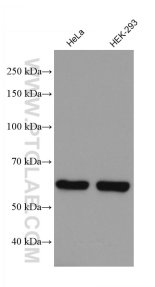
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

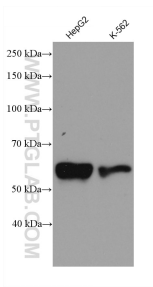
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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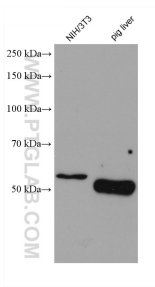
Selected Validation Data



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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