For Research Use Only

MRPP3 Monoclonal antibody, PBS Only

Catalog Number:68168-1-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
68168-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG15629

GenBank Accession Number:
BC032221

GeneID (NCBI):
9692

UNIPROT ID:
O15091

Full Name:
KIAA0391

Calculated MW:
583 aa, 67 kDa

Observed MW:
65-67 kDa

Purification Method:
Protein G purification

CloneNo.:
1G9A10

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, Mouse, Pig

Background Information

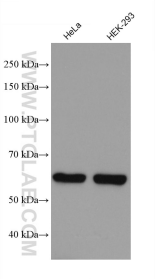
MRPP3 (Mitochondrial ribonuclease P protein 3), originally known as KIAA0391, has been identified as a member of human mitochondrial RNase P (mtRNase P), the endonuclease responsible for tRNA 5' end maturation by removing extra nucleotides from tRNA precursors at their 5' termini. Recently Daniel et 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

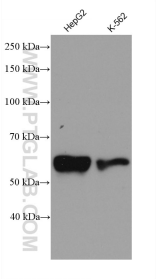
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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

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. This data was developed using the same antibody clone with 68168-1-PBS in a different storage buffer formulation.



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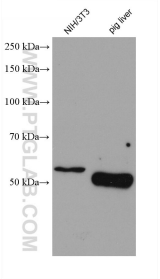

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