

MRPP3 Monoclonal antibody

Catalog Number: 68168-1-Ig

Basic Information

Catalog Number:

68168-1-Ig

Size:

1000 µg/ml

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

Recommended Dilutions:

WB 1:5000-1:50000

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:

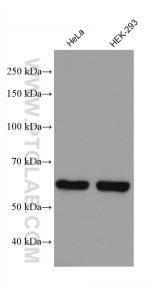
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

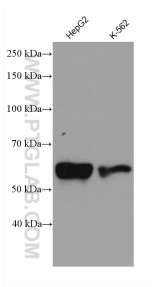
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

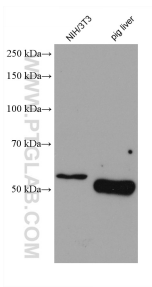
Selected Validation Data



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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