

For Research Use Only

MINPP1 Polyclonal antibody

Catalog Number: 24764-1-AP



Basic Information

Catalog Number:

24764-1-AP

Size:

150ul , Concentration: 400 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21410

GenBank Accession Number:

BC032504

GeneID (NCBI):

9562

UNIPROT ID:

Q9UNW1

Full Name:

multiple inositol polyphosphate histidine phosphatase, 1

Calculated MW:

55 kDa

Observed MW:

45-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, HepG2 cells, K-562 cells, PANC-1 cells

Background Information

MINPP1 (multiple inositol-polyphosphate phosphatase 1), also known as MIPP and MINPP2, is an enzyme that catalyzes the removal of the 3-phosphate group from inositol phosphate substrates. It plays a crucial role in the metabolism of inositol polyphosphates, which are important second messengers in cellular signaling pathways. MINPP1 has been implicated in various diseases, including certain types of cancer, where its expression levels may be associated with tumor progression and differentiation.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

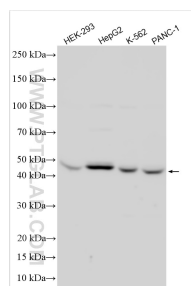
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24764-1-AP (MINPP1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.