

For Research Use Only

NRAMP1 Polyclonal antibody

Catalog Number: 32308-1-AP



Basic Information

Catalog Number:

32308-1-AP

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC071165

GeneID (NCBI):

6556

UNIPROT ID:

P49279

Full Name:

solute carrier family 11 (proton-coupled divalent metal ion transporters), member 1

Calculated MW:

432 aa, 48 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HL-60 cells, Jurkat cells, THP-1 cells

Background Information

SLC11A1 also known as NRAMP1, belongs to the SLC11 family of solute carriers, which mediate the transport of divalent metals. NRAMP1 is a divalent metal importer specifically expressed in the membranes of late endosomes/lysosomes of professional phagocytes. It plays a crucial role in the defense against intracellular pathogens by depleting essential metal ions from endocytosed microbes, thereby preventing their proliferation (PMID: 24832660, PMID: 39824808).

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

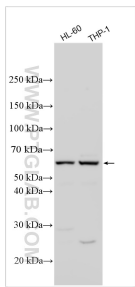
For technical support and original validation data for this product please contact:

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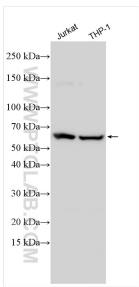
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32308-1-AP (NRAMP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 32308-1-AP (NRAMP1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.