

For Research Use Only

NAT10 Monoclonal antibody

Catalog Number: 67465-1-Ig

Featured Product



Basic Information

Catalog Number:

67465-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG4355

GenBank Accession Number:

BC035558

GeneID (NCBI):

55226

UNIPROT ID:

Q9H0A0

Full Name:

N-acetyltransferase 10 (GCN5-related)

Calculated MW:

1025 aa, 116 kDa

Observed MW:

116 kDa

Purification Method:

Protein A purification

CloneNo.:

3E3D8

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : LNCaP cells, A549 cells, HeLa cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, PC-12 cells, NIH/3T3 cells, Neuro-2a cells

Background Information

NAT10 (N-acetyltransferase 10) is a nucleolar protein that is involved in regulation of telomerase activity, DNA damage response, and cytokinesis. It also plays a role in maintaining nuclear shape. Inhibition of NAT10 has been reported to rescue the misshapen nuclei in laminopathic cells via microtubule reorganization.

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

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

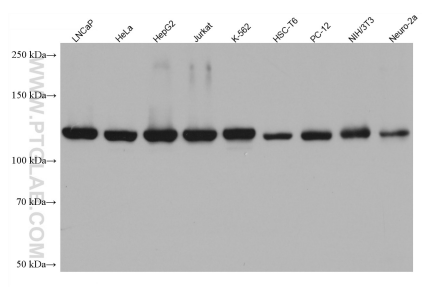
T: 4006900926

E: Proteintech-CN@ptglab.com

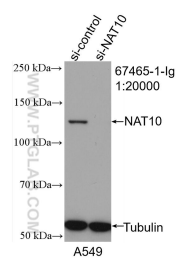
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67465-1-Ig (NAT10 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



WB result of NAT10 antibody (67465-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NAT10 transfected A549 cells.