

For Research Use Only

NAT10 Monoclonal antibody

Catalog Number: 67465-1-Ig

Featured Product



Basic Information

Catalog Number:

67465-1-Ig

Size:

150ul, Concentration: 800 ug/ml by Nanodrop and 500 ug/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

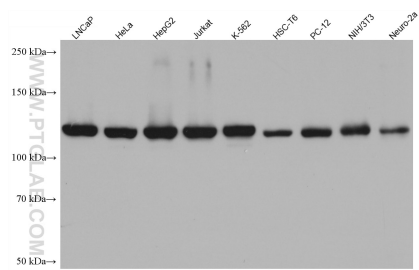
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

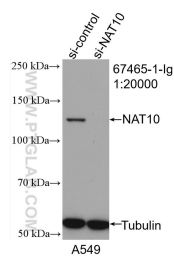
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.