For Research Use Only

NAT8L Recombinant monoclonal antibody

Catalog Number:87576-1-RR

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Basic Information

Catalog Number:
87576-1-RR

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG34067

GenBank Accession Number:
BC103748

GeneID (NCBI):
339983

UNIPROT ID:
Q8N9F0

Full Name:
N-acetyltransferase 8-like (GCN5-related, putative)

Calculated MW:
134 aa, 15 kDa

Observed MW:
45 kDa

Purification Method:
Protein A purification

CloneNo.:
252994C9

Recommended Dilutions:
WB: 1:2000-1:10000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : SH-SY5Y cells, U-87 MG cells, HepG2 cells, HUVEC cells, mouse brain tissue, rat brain tissue, fetal human brain tissue

Background Information

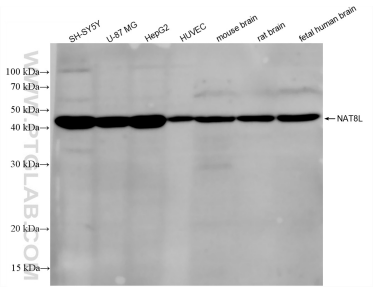
NAT8L (N-acetyltransferase 8-like) catalyzes the formation of N-acetyl aspartate (NAA) from acetyl-CoA and aspartate. In the brain, NAA delivers the acetate moiety to synthesize acetyl-CoA, which is further used for fatty acid generation (PMID: 24155240). NAT8L modulation may impinge on the metabolic reprogramming of cancer cells (PMID: 36580805). The calculated MW of NAT8L is around 33 kDa, and the observed MW is around 45 kDa.

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

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87576-1-RR (NAT8L antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.