

For Research Use Only

NAT8L Recombinant monoclonal antibody

Catalog Number: 87576-1-RR



Basic Information

Catalog Number: 87576-1-RR	GenBank Accession Number: BC103748	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 339983	CloneNo.: 252994C9
Source: Rabbit	UNIPROT ID: Q8N9F0	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: N-acetyltransferase 8-like (GCN5-related, putative)	
Immunogen Catalog Number: AG34067	Calculated MW: 134 aa, 15 kDa	
	Observed MW: 45 kDa	

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

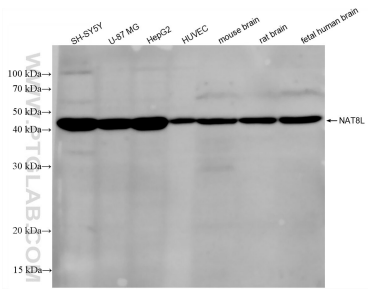
Aliquoting is unnecessary for -20°C storage

*** 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 87576-1-RR (NAT8L antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.