

For Research Use Only

NARS2 Monoclonal antibody, PBS Only

Catalog Number: 60487-7-PBS



Basic Information

Catalog Number: 60487-7-PBS	GenBank Accession Number: BC007800	Purification Method: Protein G purification
Source: Mouse	GeneID (NCBI): 79731	CloneNo.: 1G2H12
Isotype: IgG1	UNIPROT ID: Q96159	
Immunogen Catalog Number: AG9326	Full Name: asparaginyl-tRNA synthetase 2, mitochondrial (putative)	
	Calculated MW: 477 aa, 54 kDa	
	Observed MW: 50-54 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

NARS2 (asparaginyl-tRNA synthetase 2, mitochondrial) is a nuclear-encoded enzyme that functions within the mitochondria, the energy-producing organelles of the cell. It belongs to the class II family of aminoacyl-tRNA synthetases (aaRSs), a group of essential enzymes responsible for protein synthesis. Its proper function is indispensable for mitochondrial protein synthesis and energy production, and its deficiency underlies a spectrum of severe human metabolic and neurological diseases.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

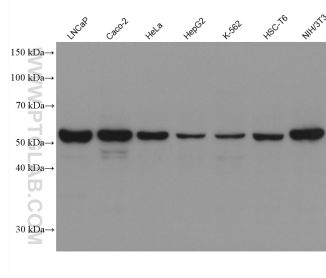
T: 4006900926

E: Proteintech-CN@ptglab.com

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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 60487-7-Ig (NARS2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60487-7-PBS in a different storage buffer formulation.