

For Research Use Only

GNE Monoclonal antibody, PBS Only

Catalog Number: 67649-1-PBS



Basic Information

Catalog Number: 67649-1-PBS	GenBank Accession Number: BC121179	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10020	CloneNo.: 2A11E10
Source: Mouse	UNIPROT ID: Q9Y223	
Isotype: IgG1	Full Name: glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylmannosamine kinase	
Immunogen Catalog Number: AG18702	Calculated MW: 722 aa, 79 kDa	
	Observed MW: 79 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, rat

Background Information

The bifunctional enzyme UDP-N-acetylglucosamine-2-epimerase/N-acetylmannosamine kinase (GNE) is essential for early embryonic development and catalyzes the rate limiting step in sialic acid biosynthesis. It plays an important role in neuronal cell and brain development, and is strongly involved in cardiac tissue and skeletal muscle early survival and organization.. This protein has 5 isoforms produced by alternative splicing.

Storage

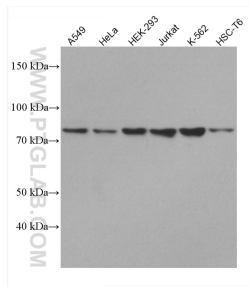
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67649-1-Ig (GNE antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67649-1-PBS in a different storage buffer formulation.