

For Research Use Only

GNE Monoclonal antibody, PBS Only

Catalog Number: 67649-1-PBS



Basic Information

Catalog Number:

67649-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG18702

GenBank Accession Number:

BC121179

GeneID (NCBI):

10020

UNIPROT ID:

Q9Y223

Full Name:

glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylmannosamine kinase

Calculated MW:

722 aa, 79 kDa

Observed MW:

79 kDa

Purification Method:

Protein G purification

CloneNo.:

2A11E10

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.

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

Storage Buffer:

PBS Only

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

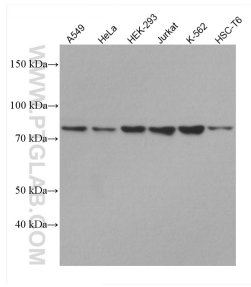
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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 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.