

For Research Use Only

GALNT8 Polyclonal antibody, PBS Only

Catalog Number: 24025-1-PBS



Basic Information

Catalog Number:

24025-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21185

GenBank Accession Number:

BC140889

GeneID (NCBI):

26290

UNIPROT ID:

Q9NY28

Full Name:

UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl galactosaminyltransferase 8 (GalNAc-T8)

Calculated MW:

637 aa, 73 kDa

Observed MW:

73 kDa, 95 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

GALNT8 (Probable polypeptide N-acetylgalactosaminyltransferase 8) is a member of the UDP-GalNAc polypeptide N-acetylgalactosaminyl transferase (ppGalNTase) family, which initiates mucin-like O-linked protein glycosylation in the Golgi apparatus. The tissue distribution of GALNT8 is high in the heart, skeletal muscle, kidney and liver; moderate in the placenta, small intestine, leukocyte and lung; and weak in the brain, colon, thymus and spleen (PMID: 34576978). The overexpression of GALNT8 significantly promotes the cell cycle and proliferation of CRC cell lines and correlates with poor prognosis in patients with CRC. GALNT8 encodes a 637-amino-acid type-II membrane protein (GalNAc-T8). The detected molecular weight of GALNT8 (95 kDa) is much higher than the theoretical molecular weight (70 kDa) due to three N-GlcNAc sites (N85, N107 and N160) (PMID: 34743989, 34239555).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

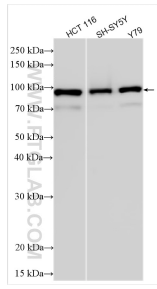
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

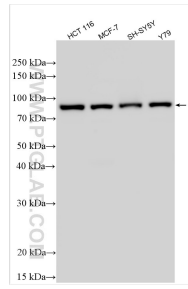
E: proteintech@ptglab.com
W: ptglab.com

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 24025-1-AP (GALNT8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24025-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 24025-1-AP (GALNT8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24025-1-PBS in a different storage buffer formulation.