

GALNT2 Polyclonal antibody

Catalog Number: 17441-1-AP

1 Publications

Basic Information

Catalog Number:

17441-1-AP

Size:

160 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11523

GenBank Accession Number:

BC041120

GeneID (NCBI):

2590

UNIPROT ID:

Q10471

Full Name:

UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl(galactosaminyl)transferase 2 (GalNAc-T2)

Calculated MW:

571 aa, 65 kDa

Observed MW:

64 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IF 1:200-1:800

Applications

Tested Applications:

IF/ICC, WB, ELISA

Cited Applications:

IHC

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : A549 cells, HeLa cells, HuH-7 cells, MKN-45 cells

IF : HeLa cells,

Background Information

GALNT2, a GalNAc-transferase involved in O-linked glycosylation, modulates the risk of atherogenic dyslipidemia, a specific hallmark of insulin resistance and acts as a positive modulator of insulin signaling in human liver cells by down-regulating ENPP1. GALNT2 gene encodes GalNAc-T2 as a regulator of high-density lipoprotein cholesterol (HDL-C) metabolism (PMID: 31040393, 27508872). Western blot analysis detected GALNT2 at an apparent molecular mass of 64 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoxia Dong	37597090	Cell Biol Toxicol	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

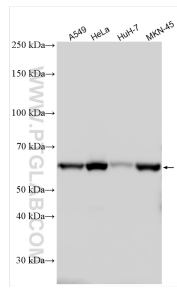
For technical support and original validation data for this product please contact:

T: 4006900926

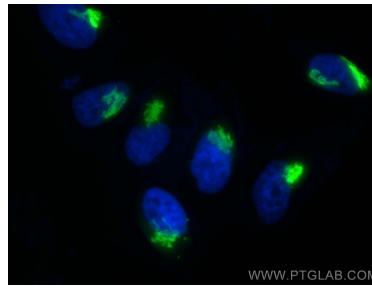
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17441-1-AP (GALNT2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using GALNT2 antibody (17441-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).