

For Research Use Only

# 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(galactosaminyltransferase 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:

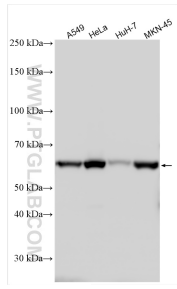
T: 4006900926

E: Proteintech-CN@ptglab.com

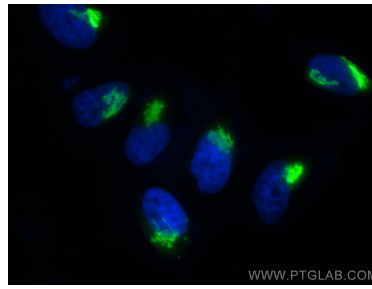
W: ptgcn.com

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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).