GALNT2 Polyclonal antibody

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Catalog Number:17441-1-AP   **1 Publications**

Basic Information

Catalog Number:
17441-1-AP

Size:
150ul , Concentration: 160 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG11523

GenBank Accession Number:
BC041120

GeneID (NCBI):
2590

Full Name:
UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 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, 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

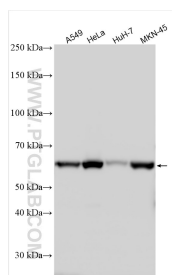| Author	Pubmed ID	Journal	Application
Xiaoxia Dong	37597090	Cell Biol Toxicol	IHC

Storage

Storage:
Store at -20℃. 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℃ storage
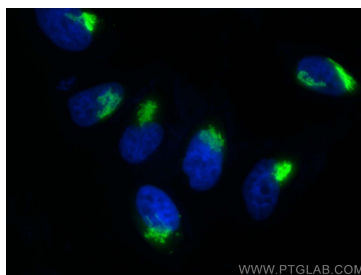
*** 20ul sizes contain 0.1% BSA

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).