

For Research Use Only

GALNT2 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83703-2-PBS



Basic Information

Catalog Number: 83703-2-PBS	GenBank Accession Number: BC041120	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 2590	CloneNo.: 240723G10
Source: Rabbit	UNIPROT ID: Q10471	
Isotype: IgG	Full Name: UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl(galactosaminyltransferase 2 (GalNAc-T2)	
Immunogen Catalog Number: AG11523	Calculated MW: 571 aa, 65 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications:
WB, IHC, Cytometric bead array, Indirect ELISA

Species Specificity:
human

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.

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:

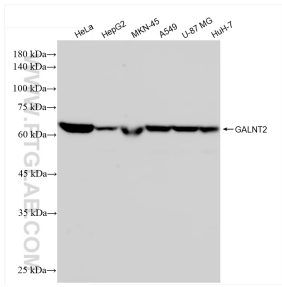
T: 4006900926

E: Proteintech-CN@ptglab.com

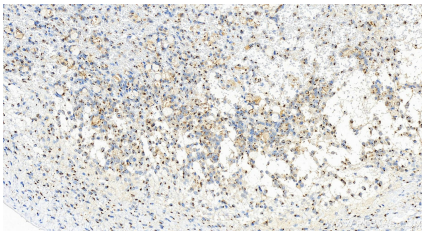
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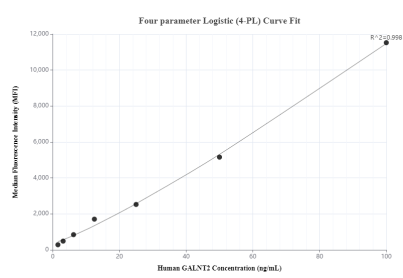
Selected Validation Data



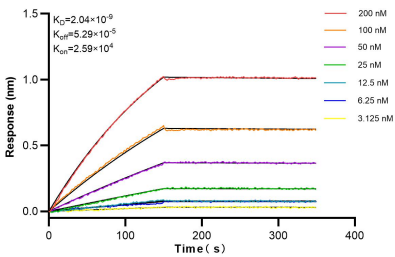
Various lysates were subjected to SDS PAGE followed by western blot with 83703-2-RR (GALNT2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83703-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 83703-2-RR (GALNT2 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83703-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00666-1, GALNT2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83703-1-PBS. Detection antibody: 83703-2-PBS. Standard: Ag11523. Range: 1.563-100 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 83703-2-RR against Human GALNT2 were performed. The affinity constant is 2.04 nM.