

For Research Use Only

GALNT2 Recombinant antibody

Catalog Number: 83703-2-RR



Basic Information

Catalog Number: 83703-2-RR	GenBank Accession Number: BC041120	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 2590	CloneNo.: 240723G10
Source: Rabbit	UNIPROT ID: Q10471	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000
Isotype: IgG	Full Name: UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl(galactosaminyl)transferase 2 (GalNAc-T2)	
Immunogen Catalog Number: AG11523	Calculated MW: 571 aa, 65 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, HepG2 cells, MKN-45 cells, A549 cells, U-87 MG cells, HuH-7 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human ovary cancer tissue,

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 -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:

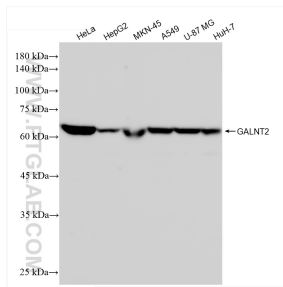
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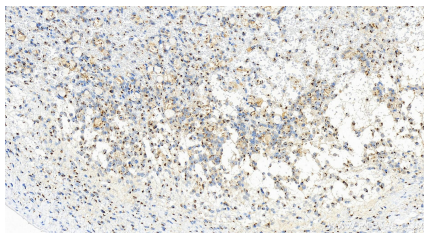
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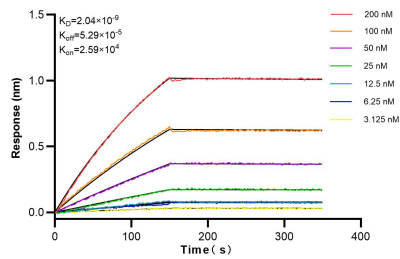
Selected Validation Data



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.



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).



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