

For Research Use Only

GBGT1 Polyclonal antibody

Catalog Number: 32983-1-AP



Basic Information

Catalog Number: 32983-1-AP	GenBank Accession Number: NM_021996.5	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 260 ug/ml by Nanodrop;	GeneID (NCBI): 26301	Recommended Dilutions: WB: 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q8N5D6	
Isotype: IgG	Full Name: globoside alpha-1,3-N-acetylgalactosaminyltransferase 1	
Immunogen Catalog Number: AG38506	Calculated MW: 40kDa 347aa	
	Observed MW: 40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, OVCAR-3 cells, SKOV-3 cells, mouse ovary tissue, rat ovary tissue
Species Specificity: human, mouse, rat	

Background Information

GBGT1 (Globoside alpha-1,3-N-acetylgalactosaminyltransferase 1) gene is located on chromosome 9 (9q34) and comprises 347 amino acids. GBGT1 is the most differentially expressed glycogene involved in the biosynthesis of F5 antigen and GBGT1 is differentially methylated and associated with inflammatory bowel disease (PMID: 25294702). GBGT1 mRNA expression has been observed in a variety of human tissues being highest in placenta and ovary (PMID: 31933576).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

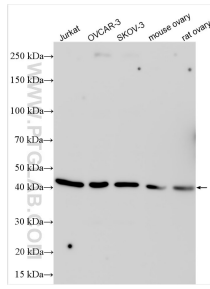
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32983-1-AP (GBT1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.