

For Research Use Only

# GBGT1 Polyclonal antibody, PBS Only

Catalog Number: 32983-1-PBS



## Basic Information

<b>Catalog Number:</b> 32983-1-PBS	<b>GenBank Accession Number:</b> NM_021996.5	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 26301	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8N5D6	
<b>Isotype:</b> IgG	<b>Full Name:</b> globoside alpha-1,3-N-acetylgalactosaminyltransferase 1	
<b>Immunogen Catalog Number:</b> AG38506	<b>Calculated MW:</b> 40kDa 347aa	
	<b>Observed MW:</b> 40 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**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 glycoprotein 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

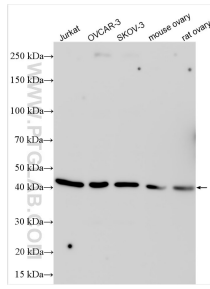
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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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. This data was developed using the same antibody clone with 32983-1-PBS in a different storage buffer formulation.