

For Research Use Only

GBGT1 Polyclonal antibody

Catalog Number: 32983-1-AP



Basic Information

Catalog Number:

32983-1-AP

Concentration:

260 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38506

GenBank Accession Number:

NM_021996.5

GeneID (NCBI):

26301

UNIPROT ID:

Q8N5D6

Full Name:

globoside alpha-1,3-N-acetylgalactosaminyltransferase 1

Calculated MW:

40kDa, 347aa

Observed MW:

40 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB: Jurkat cells, OVCAR-3 cells, SKOV-3 cells, mouse ovary tissue, rat ovary tissue

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 Fc 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

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

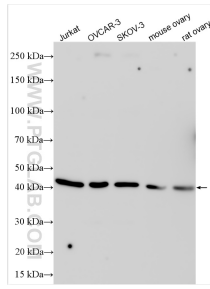
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32983-1-AP (GGT1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.