For Research Use Only

FPGT Polyclonal antibody

Catalog Number:24937-1-AP

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Basic Information

Catalog Number:
24937-1-AP

Size:
150ul , Concentration: 800 ug/ml by Nanodrop and 467 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG20655

GenBank Accession Number:
BC032308

GeneID (NCBI):
8790

UNIPROT ID:
O14772

Full Name:
fucose-1-phosphate guanylyltransferase

Calculated MW:
67 kDa

Observed MW:
38 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse

Positive Controls:

WB : mouse colon tissue,

Background Information

FPGT(Fucose-1-phosphate guanylyltransferase) is also named as GFPP. This protein catalyzes the formation of GDP-L-fucose from GTP and L-fucose-1-phosphate. It also functions as a salvage pathway to reutilize L-fucose arising from the turnover of glycoproteins and glycolipids. FPGT has 6 isoforms produced by alternative splicing.

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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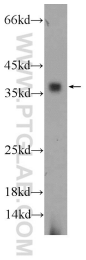
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse colon tissue were subjected to SDS PAGE followed by western blot with 24937-1-AP (FPGT Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.