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
IHC 1:20-1:200

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse colon tissue,

IHC : human colon tissue, human kidney 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℃. 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
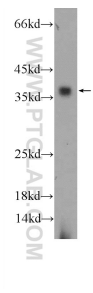
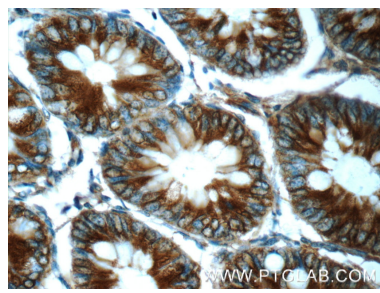***** 20ul sizes contain 0.1% BSA**

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.
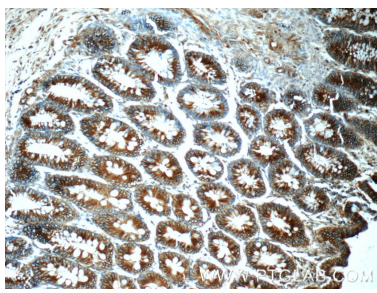
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 24937-1-AP (FPGT Antibody) at dilution of 1:50 (under 10x lens).

Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 24937-1-AP (FPGT Antibody) at dilution of 1:50 (under 40x lens).