

For Research Use Only

# FPGT Polyclonal antibody

Catalog Number: 24937-1-AP



## Basic Information

<b>Catalog Number:</b> 24937-1-AP	<b>GenBank Accession Number:</b> BC032308	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop and 467 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8790	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> fucose-1-phosphate guanylyltransferase	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 67 kDa	
<b>Immunogen Catalog Number:</b> AG20655	<b>Observed MW:</b> 38 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>WB :</b> mouse colon tissue, <b>IHC :</b> human colon tissue, human kidney tissue
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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 reuse L-fucose arising from the turnover of glycoproteins and glycolipids. FPGT has 6 isoforms produced by alternative splicing.

## Storage

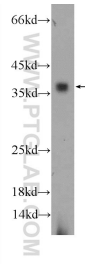
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

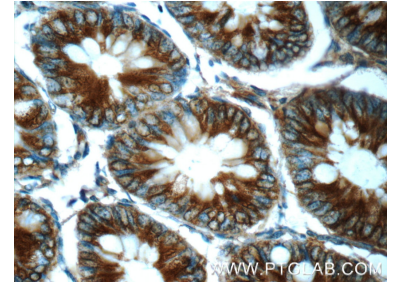
## Selected Validation Data



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.



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).