

For Research Use Only

# GLT25D1 Polyclonal antibody

Catalog Number: 16768-1-AP

Featured Product

8 Publications



## Basic Information

### Catalog Number:

16768-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG10346

### GenBank Accession Number:

BC020492

### GeneID (NCBI):

79709

### UNIPROT ID:

Q8NBJS

### Full Name:

glycosyltransferase 25 domain containing 1

### Calculated MW:

231 aa, 27 kDa

### Observed MW:

72 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat

**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 : SH-SY5Y cells,

IP : HeLa cells,

IHC : human ovary tumor tissue, mouse placenta tissue

IF/ICC : SH-SY5Y cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Randy T Cowling	28923350	J Mol Cell Cardiol	WB
Masahiko Terajima	31726007	Biochemistry	WB
Satoko Miyatake	30412317	Ann Neurol	WB,IF

## 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

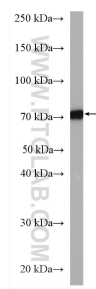
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

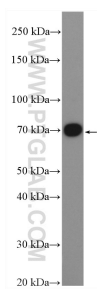
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

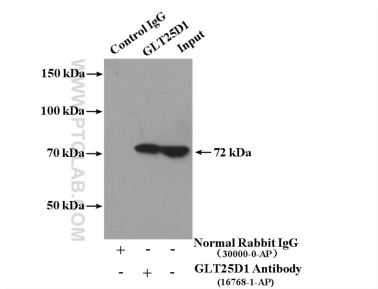
Selected Validation Data



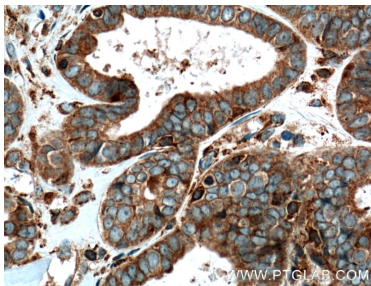
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 16768-1-AP (GLT25D1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



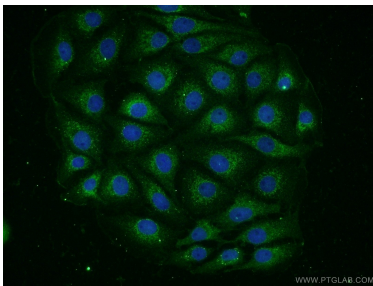
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 16768-1-AP (GLT25D1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



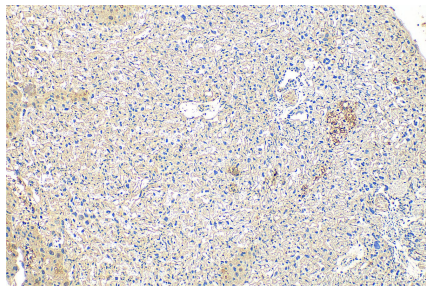
IP result of anti-GLT25D1 (IP:16768-1-AP, 4ug; Detection:16768-1-AP 1:500) with HeLa cells lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 16768-1-AP (GLT25D1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of SH-SY5Y cells using 16768-1-AP (GLT25D1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse placenta tissue slide using 16768-1-AP (GLT25D1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).