GLT25D1 Polyclonal ANTIBODY
Catalog Number: 16768-1-AP

Basic Information
- Catalog Number: 16768-1-AP
- GenBank Accession Number: BC020492
- GeneID (NCBI): 79709
- Full Name: glycosyltransferase 25 domain containing 1
- Calculated MW: 231aa, 27 kDa
- Observed MW: 72 kDa
- Recommended Dilutions:
  - WB: 1:500-1:3000
  - IP: 0.5-4.0 ug for IP and 1:500-1:1000 for WB
  - IHC: 1:50-1:500
  - IF: 1:20-1:200
- GenBank Accession Number: AG10346
- GeneID (NCBI): 79709
- Full Name: glycosyltransferase 25 domain containing 1
- Calculated MW: 231aa, 27 kDa
- Observed MW: 72 kDa
- Recommended Dilutions:
  - WB: 1:500-1:3000
  - IP: 0.5-4.0 ug for IP and 1:500-1:1000 for WB
  - IHC: 1:50-1:500
  - IF: 1:20-1:200

Applications
- Tested Applications: IF, IHC, IP, WB, ELISA
- Cited Applications: IF, IHC, WB
- 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

Background Information
- Storage:
  - Store at -20°C. Stable for one year after shipment.
  - Storage Buffer: PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
  - Aliquoting is unnecessary for -20°C storage

Notable Publications

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<th>Author</th>
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<th>Journal</th>
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<tr>
<td>Randy T Cowling</td>
<td>28923350</td>
<td>J Mol Cell Cardiol</td>
<td>WB</td>
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<tr>
<td>Masahiko Terajima</td>
<td>31726007</td>
<td>Biochemistry</td>
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<tr>
<td>Satoko Miyatake</td>
<td>30412317</td>
<td>Ann Neurol</td>
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</tbody>
</table>

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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

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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.

HeLa cells were subjected to SDS PAGE followed by western blot with 16768-1-AP (GLT25D1 Antibody) at dilution of 1:1000 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 400ug.

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 retrieved with Tris-EDTA buffer (pH 9).

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).