

## Allgemeine Informationen

**Katalog-Nr.:**

16906-1-AP

**Größe:**

150ul , Konzentration: 200 µg/ml von Nanodrop und 133 µg/ml durch die Bradford-Methode mit BSA als Standard;

**Wirt:**

Kaninchen

**Isotyp:**

IgG

**Immunogen Katalognummer:**

AG10521

**GenBank-Zugangsnummer:**

BC015022

**GeneID (NCBI):**

51604

**Vollständiger Name:**

phosphatidylinositol glycan anchor biosynthesis, class T

**Berechnete Masse:**

578 aa, 66 kDa

**Beobachtete Masse:**

66 kDa

**Reinigungsmethode:**

Antigen-Affinitätsreinigung

**Empfohlene Verdünnungen:**

WB 1:500-1:1000  
IP 0.5-4.0 µg für IP und 1:200-1:1000 für WB  
IHC 1:100-1:500  
IF 1:50-1:500

## Anwendungen

**Geprüfte Anwendungen:**

IF, IHC, IP, WB, ELISA

**Getestete Reaktivität:**

Human, Maus

**Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

**Positivkontrollen:**

WB : humanes Hirngewebe, A549-Zellen

IP : Mauslebergewebe,

IHC : humanes Hirngewebe, Maushirngewebe

IF : HepG2-Zellen,

## Hintergrundinformationen

PIGT is a subunit of the glycosylphosphatidylinositol transamidase complex that catalyzes the attachment of proteins to GPI-anchors. GPI-anchors are glycolipids found on membrane of diverse cells that help proteins anchoring to the cell surface. Mutations of PIGT have been linked to developmental disorders including multiple congenital anomalies-hypotonia-seizures syndrome-3. Multiple isoforms of PIGT exist due to the alternative splicing, with the predicted MWs ranging from 42 kDa to 66 kDa.

## Lagerung

**Lagerungsbedingungen:**

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

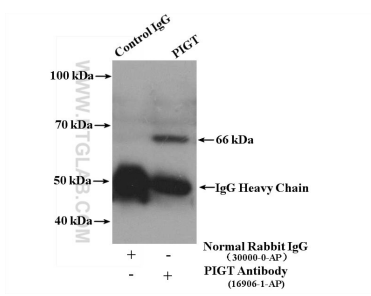
For technical support and original validation data for this product please contact:

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

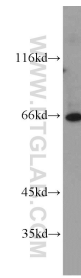
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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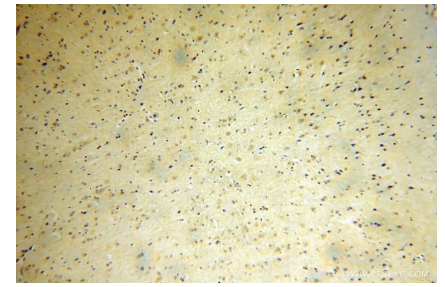
## Ausgewählte Validierungsdaten



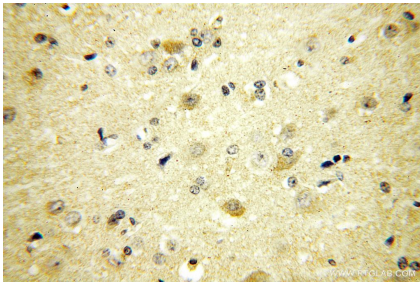
IP result of anti-PIGT (IP:16906-1-AP, 4 $\mu$ g; Detection:16906-1-AP 1:300) with mouse liver tissue lysate 6000  $\mu$ g.



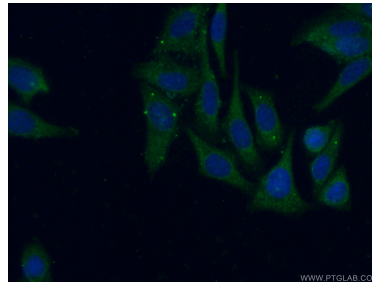
human brain tissue were subjected to SDS PAGE followed by western blot with 16906-1-AP (PIGT antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



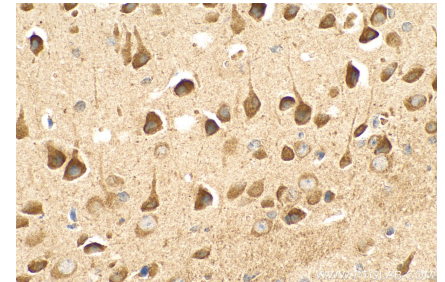
Immunohistochemical analysis of paraffin-embedded human brain using 16906-1-AP (PIGT antibody) at dilution of 1:100 (under 10 $\times$  lens).



Immunohistochemical analysis of paraffin-embedded human brain using 16906-1-AP (PIGT antibody) at dilution of 1:100 (under 40 $\times$  lens).



Immunofluorescent analysis of (-20 $^{\circ}$ C Ethanol) fixed HepG2 cells using 16906-1-AP (PIGT antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 16906-1-AP (PIGT antibody) at dilution of 1:500 (under 40 $\times$  lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).