

Nur für Forschungszwecke

# VPS35 Polyklonaler Antikörper

Katalog-Nr.: 10236-1-AP

Vorgestelltes Produkt

9 Publikationen



## Allgemeine Informationen

**Katalog-Nr.:**  
10236-1-AP

**Größe:**  
150ul, Konzentration: 400 µg/ml von Nanodrop und 260 µg/ml durch die Bradford-Methode mit BSA als Standard;

**Wirt:**  
Kaninchen

**Isotyp:**  
IgG

**Immunogen Katalognummer:**  
AG0340

**GenBank-Zugangsnummer:**  
BC002414

**GeneID (NCBI):**  
55737

**Vollständiger Name:**  
vacuolar protein sorting 35 homolog (S. cerevisiae)

**Berechnete Masse:**  
92 kDa

**Beobachtete Masse:**  
92 kDa

**Reinigungsmethode:**  
Antigen-Affinitätsreinigung

**Empfohlene Verdünnungen:**  
WB 1:500-1:1000  
IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB  
IF 1:10-1:100

## Anwendungen

**Geprüfte Anwendungen:**  
IF, IP, WB, ELISA

**In Publikationen genannte Anwendungen:**  
CoIP, IF, IHC, WB

**Getestete Reaktivität:**  
Human, Maus, Ratte

**Zitierte Arten:**  
Affe, Human, Maus, Ratte

**Positivkontrollen:**

**WB:** A549-Zellen, HEK-293-Zellen, HepG2-Zellen, Maushirngewebe, Mausnierengewebe, Rattenlebergewebe, Rattennierengewebe

**IP:** Mausnierengewebe,

**IF:** HepG2-Zellen,

## Hintergrundinformationen

VPS35 protein belongs to a group of vacuolar protein sorting (VPS) proteins, which ensure the proper delivery of organelle-specific proteins in eukaryotic cells. VPS35 is the core of a multimeric complex, termed the retromer complex, which is involved in retrograde transport of proteins from endosomes to the trans-Golgi network. Vps35 serves as the core of the multimeric complex by binding directly to Vps26 and Vps29 and SNX1. Northern blot analyses in 16 tissues showed that one transcript of Vps35 with a size of 3.6 kb was highly expressed in brain, heart, testis, ovary, small intestine, spleen, skeletal muscle, and placenta and expressed at moderate or low levels in other tissues. Another transcript of Vps35, a message of 3.0 kb, was also expressed with proportionally lower levels than the 3.6-kb transcript in all the tissues except that the 3.0-kb transcript was not detected in brain. Human Vps35 is mapped at 16q13-q21.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Nobuyuki Kimura	27179390	Am J Pathol	WB,IF
Jing Lu	33947971	Cell Death Differ	WB,CoIP,IF
Mingmin Yan	25745458	Neural Regen Res	WB,IHC

## 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**

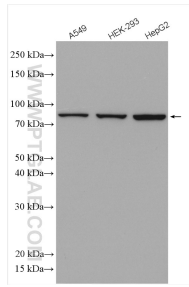
For technical support and original validation data for this product please contact:

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

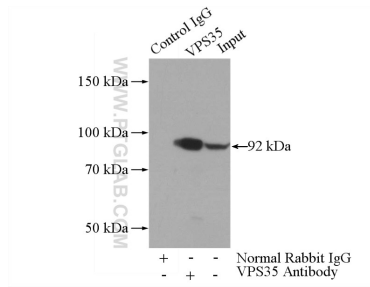
E: proteintech@ptglab.com  
W: ptglab.com

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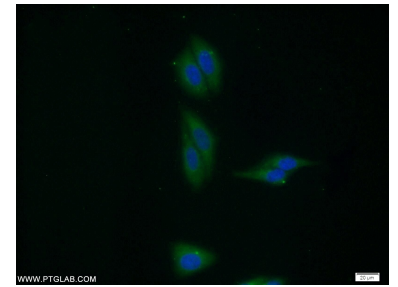
## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 10236-1-AP (VPS35 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP Result of anti-VPS35 (IP:10236-1-AP, 4ug; Detection:10236-1-AP 1:600) with mouse kidney tissue lysate 4000ug.



Immunofluorescent analysis of HepG2 cells using 10236-1-AP (VPS35 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).