

Nur für Forschungszwecke

VAMP7/TI-VAMP Polyklonaler Antikörper



Katalog-Nr.: 22268-1-AP

Vorgestelltes Produkt

4 Publikationen

Allgemeine Informationen

Katalog-Nr.:

22268-1-AP

Größe:

150ul, Konzentration: 1000 µg/ml von 6845

Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

GenBank-Zugangsnummer:

NM_005638

GeneID (NCBI):

7

Vollständiger Name:

vesicle-associated membrane protein

7

Berechnete Masse:

25 kDa

Beobachtete Masse:

20-25 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:8000

IP 0.5-4.0 µg für IP und 1:500-1:2000

für WB

IHC 1:20-1:200

IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

Blocking, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB: Maushirngewebe, Rattenhirngewebe

IP: Maushirngewebe,

IHC: humanes Lebergewebe, humanes

Dünndarmgewebe

IF: HepG2-Zellen, HeLa-Zellen

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

Hintergrundinformationen

VAMP7, also named as SYBL1 and TI-VAMP, belongs to the synaptobrevin family. It is involved in the targeting and/or fusion of transport vesicles to their target membrane during transport of proteins from the early endosome to the lysosome. VAMP7 is required for heterotypic fusion of late endosomes with lysosomes and homotypic lysosomal fusion. It is required for calcium regulated lysosomal exocytosis. VAMP7 is involved in the export of chylomicrons from the endoplasmic reticulum to the cis Golgi. It is required for exocytosis of mediators during eosinophil and neutrophil degranulation, and target cell killing by natural killer cells. It is also required for focal exocytosis of late endocytic vesicles during phagosome formation. The antibody is specific to VAMP7.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jia-min Yan	34747299	Autophagy	WB
Jia Liu	31062916	Small	WB
Dongdong Wang	32042550	Adv Sci (Weinh)	Blocking

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**

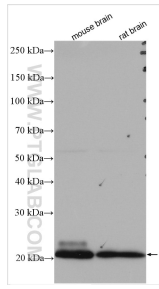
For technical support and original validation data for this product please contact:

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

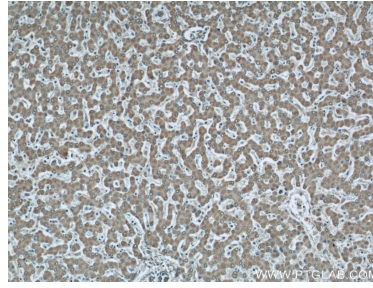
E: proteintech@ptglab.com
W: ptglab.com

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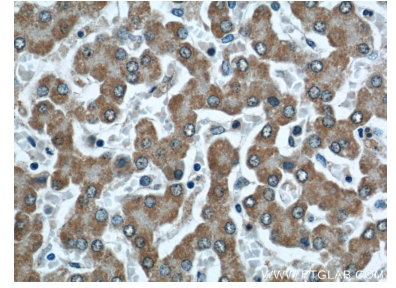
Ausgewählte Validierungsdaten



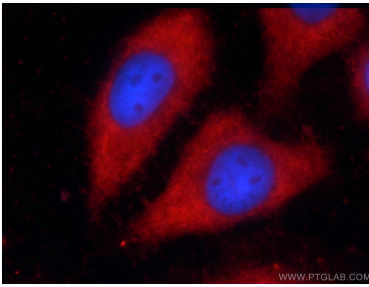
Various lysates were subjected to SDS PAGE followed by western blot with 22268-1-AP (VAMP7/TI-VAMP antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



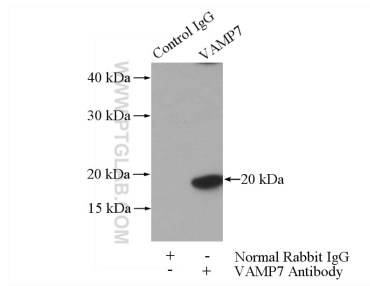
Immunohistochemical analysis of paraffin-embedded human liver using 22268-1-AP (VAMP7/TI-VAMP antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver using 22268-1-AP (VAMP7/TI-VAMP antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 22268-1-AP (VAMP7/TI-VAMP antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



IP Result of anti-VAMP7/TI-VAMP (IP:22268-1-AP, 4ug; Detection:22268-1-AP 1:1000) with mouse brain tissue lysate 3440ug.