

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-VAMP7/TI-VAMP



Numéro de catalogue: 22268-1-AP

Phare

4 Publications

## Informations de base

Numéro de catalogue:

22268-1-AP

Taille:

150ul, Concentration: 1000 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM\_005638

Identification du gène (NCBI):

6845

Nom complet:

vesicle-associated membrane protein 7

MW calculé

25 kDa

MW observés:

20-25 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IHC 1:20-1:200

IF 1:10-1:100

## Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

Blocking, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : tissu cérébral de souris, tissu cérébral de rat

IP : tissu cérébral de souris,

IHC : tissu hépatique humain, tissu d'intestin grêle humain

IF : cellules HepG2, cellules HeLa

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

## Informations générales

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.

## Publications notables

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

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

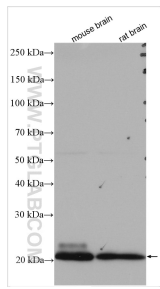
For technical support and original validation data for this product please contact:

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

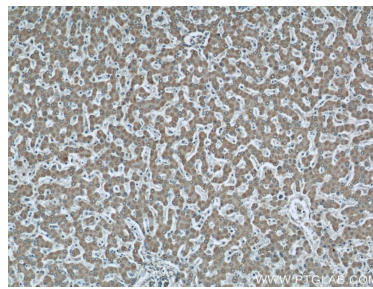
E: proteintech@ptglab.com  
W: ptglab.com

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

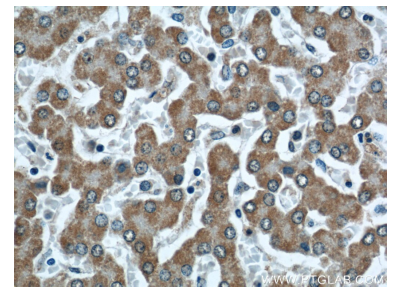
## Données de validation sélectionnées



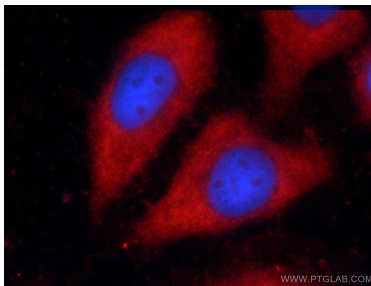
Various lysates were subjected to SDS PAGE followed by western blot with 22268-1-AP (VAMP7/TI-VAMP antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



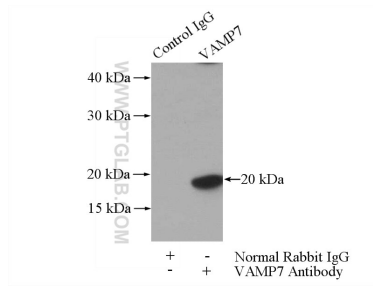
Immunohistochemical analysis of paraffin-embedded human liver using 22268-1-AP (VAMP7/TI-VAMP antibody) at dilution of 1:50 (under 10x lens).



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.