

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-VAPB



Numéro de catalogue: 14477-1-AP

Phare

34 Publications

## Informations de base

Numéro de catalogue:

14477-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG5857

Numéro d'acquisition GenBank:

BC001712

Identification du gène (NCBI):

9217

Nom complet:

VAMP (vesicle-associated membrane protein)-associated protein B and C

MW calculé

27 kDa

MW observés:

27 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:12000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:50-1:500

## Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, singe, souris

**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.**

Contrôles positifs:

WB : cellules HeLa, cellules HepG2, cellules Jurkat, tissu cérébral de rat, tissu cérébral de souris, tissu de muscle squelettique de souris, tissu hépatique de rat, tissu hépatique de souris

IP : cellules HeLa,

IHC : tissu de cancer du sein humain, tissu de cancer du pancréas humain, tissu hépatique de souris

IF : cellules HepG2,

## Informations générales

Vesicle-associated membrane protein-associated protein B (VAPB) is an integral membrane protein localized to the endoplasmic reticulum (ER) membrane. VAPB has been implicated in various cellular processes, including ER stress, the unfolded protein response (UPR) and calcium homeostasis regulation. The mutations in the gene of VAPB cause amyotrophic lateral sclerosis 8 (ALS8) and some other related forms of motor neuron disease including late onset spinal muscular atrophy.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Boris Simonetti	28935633	J Cell Biol	WB
Pamela A Young	30190326	J Biol Chem	WB
Hana Antonicka	32877691	Cell Metab	WB

## 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.

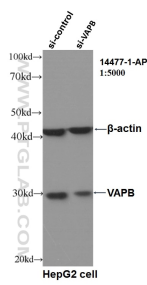
For technical support and original validation data for this product please contact:

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

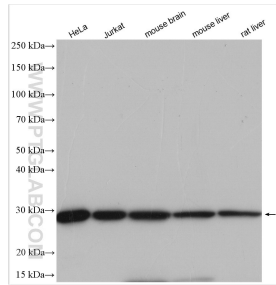
E: proteintech@ptglab.com  
W: ptglab.com

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

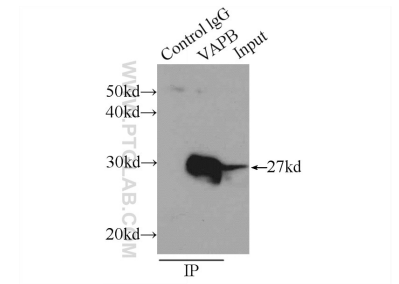
## Données de validation sélectionnées



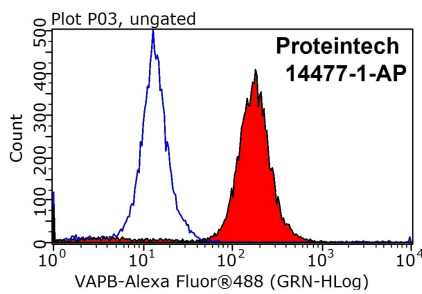
WB result of VAPB antibody (14477-1-AP, 1:5000) with si-control and si-VAPB transfected HepG2 cells.



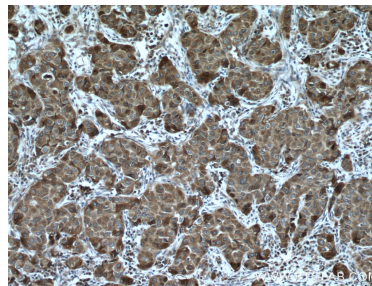
Various lysates were subjected to SDS PAGE followed by western blot with 14477-1-AP (VAPB antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



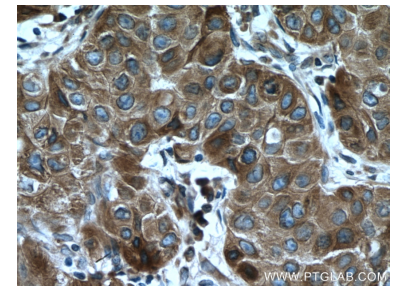
IP Result of anti-VAPB (IP:14477-1-AP, 3ug; Detection:14477-1-AP 1:800) with HeLa cells lysate 1840ug.



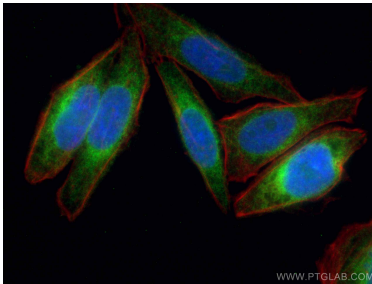
1X10<sup>6</sup> HepG2 cells were stained with 0.2ug VAPB antibody (14477-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14477-1-AP (VAPB antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14477-1-AP (VAPB antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using VAPB antibody (14477-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).