

Allgemeine Informationen

Katalog-Nr.: 14477-1-AP	GenBank-Zugangsnummer: BC001712	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 9217	Empfohlene Verdünnungen: WB 1:2000-1:12000 IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
Wirt: Kaninchen	Vollständiger Name: VAMP (vesicle-associated membrane protein)-associated protein B and C	IHC 1:50-1:500 IF 1:50-1:500
Isotyp: IgG	Berechnete Masse: 27 kDa	
Immunogen Katalognummer: AG5857	Beobachtete Masse: 27 kDa	

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
IF, IHC, IP, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Affe, Human, Maus, Ratte

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

Positivkontrollen:

WB: HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, Maushirngewebe, Mauslebergewebe, Maus-Skelettmuskulgewebe, Rattenhirngewebe, Rattenlebergewebe

IP: HeLa-Zellen,

IHC: humanes Mammakarzinomgewebe, humanes Pankreaskarzinomgewebe, Mauslebergewebe

IF: HepG2-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

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

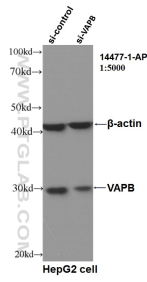
For technical support and original validation data for this product please contact:

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

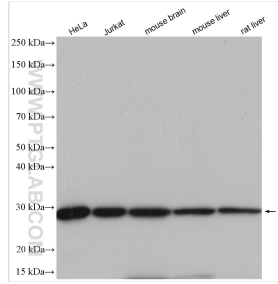
E: proteintech@ptglab.com
W: ptglab.com

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

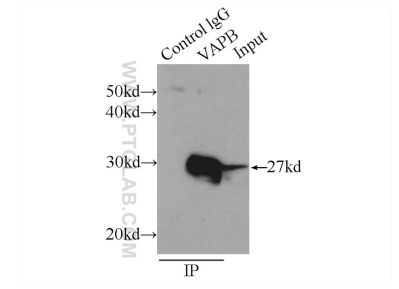
Ausgewählte Validierungsdaten



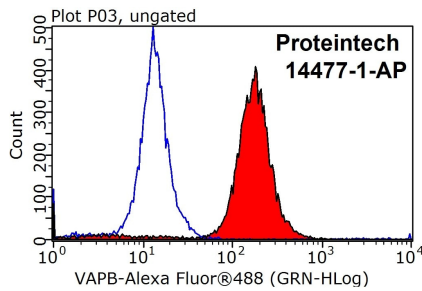
WB result of VAPB antibody (14477-1-AP, 1:5000) with si-control and si-VAPB transfected HepG2 cells.



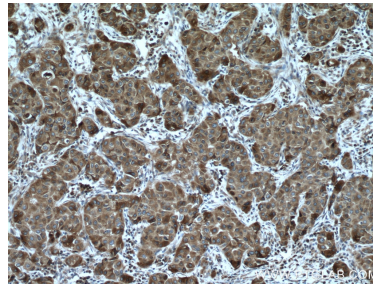
Various lysates were subjected to SDS PAGE followed by western blot with 14477-1-AP (VAPB antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



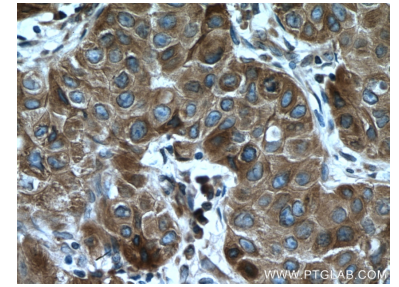
IP Result of anti-VAPB (IP:14477-1-AP, 3ug; Detection:14477-1-AP 1:800) with HeLa cells lysate 1840ug.



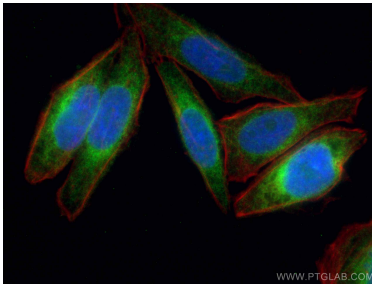
1X10⁶ HepG2 cells were stained with 0.2ug VAPB antibody (14477-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



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).