

Nur für Forschungszwecke

GABARAPL1-Specific Polyklonaler Antikörper



Katalog-Nr.: 11010-1-AP

Vorgestelltes Produkt

52 Publikationen

Allgemeine Informationen

Katalog-Nr.: 11010-1-AP	GenBank-Zugangsnummer: BC009309	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 23710	Empfohlene Verdünnungen: WB 1:500-1:2000 IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB
Wirt: Kaninchen	Vollständiger Name: GABA(A) receptor-associated protein like 1	IHC 1:50-1:500 IF 1:50-1:500
Isotyp: IgG	Berechnete Masse: 14 kDa	
Immunogen Katalognummer: AG1473	Beobachtete Masse: 16 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, Garnele

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

Positivkontrollen:

WB: Maushirngewebe, HepG2-Zellen, humanes Herzgewebe, Mauslebergewebe, Rattenhirngewebe

IP: Mauslebergewebe,

IHC: Maushirngewebe, humanes Lebergewebe, humanes Ovarialkarzinomgewebe

IF: mit Chloroquin behandelte HeLa-Zellen, mit Chloroquin behandelte HepG2-Zellen

Hintergrundinformationen

GABARAPL1 (GABARAP-like protein 1), also named as ATG8, GEC1, APG8L, ATG8L and APG8-LIKE, is a member of GABARP (GABAA receptor-associated protein) family. GABARAPL1 was initially identified as estrogen-regulated gene and the protein acts in receptor and vesicle transport. It's also involved in the process of autophagy like GABARAP and GABARAPL2, and may be considered as an autophagic marker. It is expressed at very high levels in the brain, heart, peripheral blood leukocytes, liver, kidney, placenta and skeletal muscle and at very low levels in thymus and small intestine. The antibody is specific to GABARAPL1, and it doesn't recognize the recombinant GABARAP and GABARAPL2.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Marine Jacquet	34681055	Biology (Basel)	WB, IHC
Noam D Rudnick	28904095	Proc Natl Acad Sci U S A	IHC, IF
Leïla Fonderflick	36139357	Cells	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

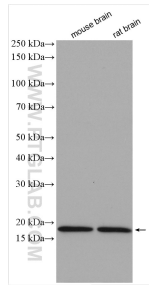
For technical support and original validation data for this product please contact:

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

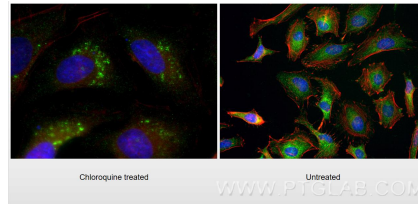
E: proteintech@ptglab.com
W: ptglab.com

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

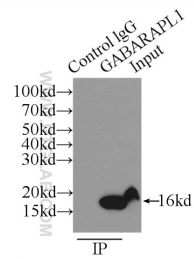
Ausgewählte Validierungsdaten



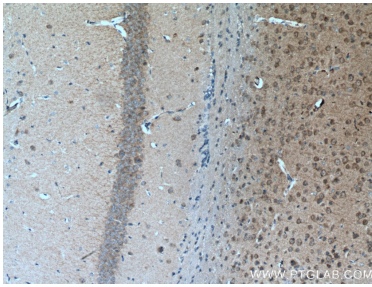
Various lysates were subjected to SDS PAGE followed by western blot with 11010-1-AP (GABARAPL1-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



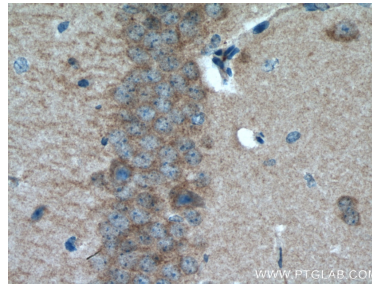
Immunofluorescent analysis of (-20°C Ethanol) fixed Chloroquine treated HeLa cells using GABARAPL1-Specific antibody (11010-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



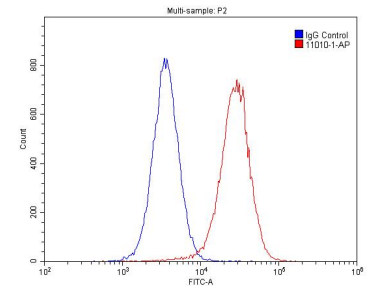
IP Result of anti-GABARAPL1-Specific (IP:11010-1-AP, 3ug; Detection:11010-1-AP 1:500) with mouse liver tissue lysate 5000ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11010-1-AP (GABARAPL1-Specific 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 mouse brain tissue slide using 11010-1-AP (GABARAPL1-Specific antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ HepG2 cells were stained with 0.2ug GABARAPL1-Specific antibody (11010-1-AP, red) and control antibody (blue). Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100. Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.