

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GABARAP



Numéro de catalogue: 18723-1-AP

Phare

19 Publications

Informations de base

Numéro de catalogue:

18723-1-AP

Taille:

150ul, Concentration: 900 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

BC106748

Identification du gène (NCBI):

11337

Nom complet:

GABA(A) receptor-associated protein

MW calculé

14 kDa

MW observés:

14-18 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:6000

IF 1:50-1:500

Applications

Applications testées:

FC, IF, WB, ELISA

Demandes citées:

ColP, IF, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, singe, souris

Contrôles positifs:

WB : cellules HeLa, cellules A549, cellules HuH-7, cellules RAW 264.7, cellules SH-SY5Y, tissu cardiaque humain, tissu cérébral de rat, tissu cérébral de souris, tissu de muscle squelettique de souris, tissu hépatique de souris, tissu pancréatique de souris, tissu placentaire humain

IF : cellules HepG2, cellules HepG2 traitées par déprivation

Informations générales

GABARAP (Gamma-aminobutyric acid type A receptor-associated protein), was initially identified as GABAA receptor binding protein and has shown to be implicated in intracellular trafficking of GABAA receptors. Through interacting with a broad range of proteins, GABARAP has been demonstrated as a multifunctional protein implicated in intracellular vesicle trafficking, apoptosis, and autophagy. The protein level of lipidated form of GABARAP (GABARAP-II) is upregulated during the autophagic process, which makes it as an autophagic marker. This antibody detected endogenous GABARAP protein in lysates from various tissues. It may cross-react with GABARAPL1 due to the high identity of amino acid sequence.

Publications notables

Autrice	Pubmed ID	Journal	Application
Linyu Sun	3455354	Mol Cell	WB
Svenja Zielke	33111629	Autophagy	WB
Zhen-Hua Chen	27740626	Cell Death Differ	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'aliquoteur n'est pas nécessaire pour le stockage à -20°C

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

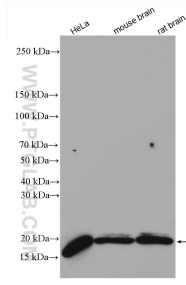
For technical support and original validation data for this product please contact:

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

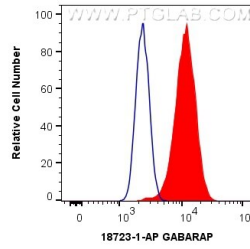
E: proteintech@ptglab.com
W: ptglab.com

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

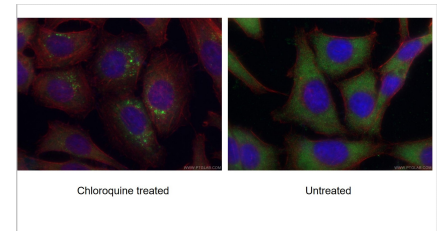
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 18723-1-AP (GABARAP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



1×10^6 HepG2 cells were intracellularly stained with 0.4 μ g Anti-Human GABARAP (18723-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 μ g Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Ethanol) fixed Chloroquine treated HepG2 cells and untreated HepG2 cells using GABARAP antibody (18723-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).