

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ATG14/Barkor (C-terminal)



Numéro de catalogue: 24412-1-AP

Phare

4 Publications

Informations de base

Numéro de catalogue:

24412-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop and 207 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG19707

Numéro d'acquisition GenBank:

BC109090

Identification du gène (NCBI):

22863

Nom complet:

KIAA0831

MW calculé

492 aa, 55 kDa

MW observés:

65-68 kDa, 42 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IHC 1:20-1:200

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, souris

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

Contrôles positifs:

WB : tissu cérébral de souris, cellules HeLa

IHC : tissu cérébral humain, tissu hépatique humain

IF : cellules HeLa,

Informations générales

Barkor, also named as ATG14, Atg14L and KIAA0831, is named as Beclin 1-associated autophagy-related key regulator protein. The function of Barkor in autophagy has been manifested in several assays, including stress-induced LC3 lipidation, autophagosome formation, and Salmonella typhimurium amplification. A major band around 65-68 kDa and a light band around 42 kDa can be observed in western blot which may be caused by alternative splicing of ATG14. The specificity of ATG14 antibody has been tested by siRNA test.

Publications notables

Autrice	Pubmed ID	Journal	Application
Qiang Fu	25245007	Microb Pathog	WB
Shun Kato	34704591	J Cell Sci	IF
Jingqiong Lin	34411602	Exp Eye Res	WB,IF

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.

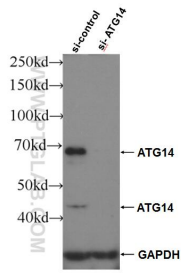
For technical support and original validation data for this product please contact:

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

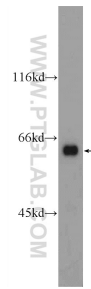
E: proteintech@ptglab.com
W: ptglab.com

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

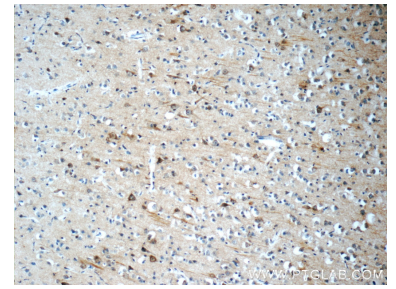
Données de validation sélectionnées



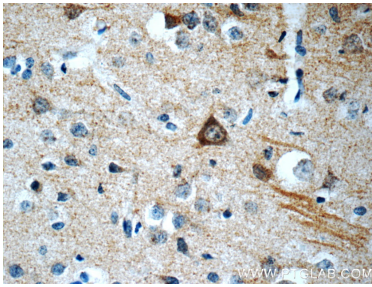
WB result of ATG14/Barkor (C-terminal) antibody (24412-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ATG14/Barkor (C-terminal) transfected HeLa cells.



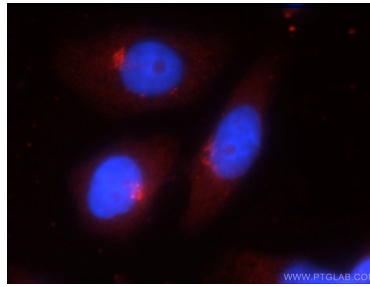
mouse brain tissue were subjected to SDS PAGE followed by western blot with 24412-1-AP (ATG14/Barkor (C-terminal) antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain slide using 24412-1-AP (ATG14/Barkor (C-terminal) antibody at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain slide using 24412-1-AP (ATG14/Barkor (C-terminal) antibody at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 24412-1-AP (ATG14/Barkor (C-terminal) antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.