

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Ubiquilin 1



Numéro de catalogue: 23516-1-AP

4 Publications

Informations de base

Numéro de catalogue:

23516-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG20252

Numéro d'acquisition GenBank:

BC010066

Identification du gène (NCBI):

29979

Nom complet:

ubiquilin 1

MW calculé

589 aa, 63 kDa

MW observés:

63-71 kDa

Méthode de purification:

Purifié par affinité contre l'antigène

Dilutions recommandées:

WB 1:200-1:1000

IHC 1:50-1:500

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, rat

Espèces citées:

Humain, porc

Contrôles positifs:

WB : tissu cérébral de rat,

IHC : tissu de gliome humain,

IF : cellules PC-3,

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.

Informations générales

UBQLN1, also known as DSK2 or Ubiquilin 1, is an ubiquitin-like protein that contains a N-terminal ubiquitin-like domain and a C-terminal ubiquitin-associated domain. They physically associate with both proteasomes and ubiquitin ligases, and thus are thought to functionally link the ubiquitination machinery to the proteasome to affect in vivo protein degradation. Ubiquilin has also been shown to modulate accumulation of presenilin proteins, and is found in lesions associated with Alzheimer's and Parkinson's disease. Two transcript variants encoding different isoforms have been found for this gene. Higher levels of ubiquilin-1 in the brain decreased malformation of the APP molecule which plays a key role in triggering Alzheimer's disease. Conversely, lower levels of ubiquilin-1 in the brain were associated with increased malformation of APP (PMID: 21852239). This antibody detects 70kD band of UBQLN1.

Publications notables

Autrice	Pubmed ID	Journal	Application
Nitchakarn Kaokhum	36182100	Mol Cell Proteomics	WB
Zongfu Pan	33359451	Cancer Lett	WB
Claire Auger	37190187	Cancers (Basel)	

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azote de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20°C

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

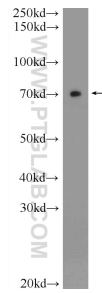
For technical support and original validation data for this product please contact:

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

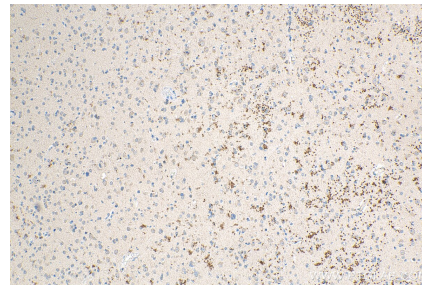
E: proteintech@ptglab.com
W: ptglab.com

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

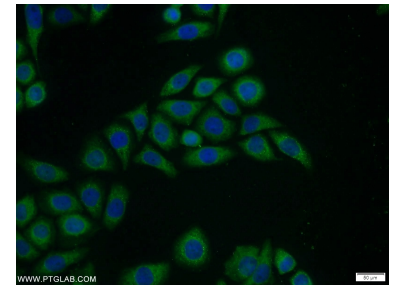
Données de validation sélectionnées



rat brain tissue were subjected to SDS PAGE followed by western blot with 23516-1-AP (Ubiquilin 1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 23516-1-AP (Ubiquilin 1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of PC-3 cells using 23516-1-AP (Ubiquilin 1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).