

Allgemeine Informationen

Katalog-Nr.:

23516-1-AP

Größe:

150ul, Konzentration: 500 µg/ml von Nanodrop und 260 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG20252

GenBank-Zugangsnummer:

BC010066

GeneID (NCBI):

29979

Vollständiger Name:

ubiquilin 1

Berechnete Masse:

589 aa, 63 kDa

Beobachtete Masse:

71 kDa

Reinigungsmethode:

Antigen-affinitätsgereinigt

Empfohlene Verdünnungen:

WB 1:200-1:1000

IHC 1:50-1:500

IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Ratte

Zitierte Arten:

Hausschwein, Human

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

Positivkontrollen:

WB: Rattenhirngewebe, Transfizierte HEK-293-Zellen

IHC: humanes Gliomgewebe,

IF: PC-3-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Nitchakarn Kaokhum	36182100	Mol Cell Proteomics	WB
Zongfu Pan	33359451	Cancer Lett	WB
Jue Wang	28212565	Oncotarget	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

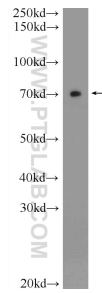
For technical support and original validation data for this product please contact:

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

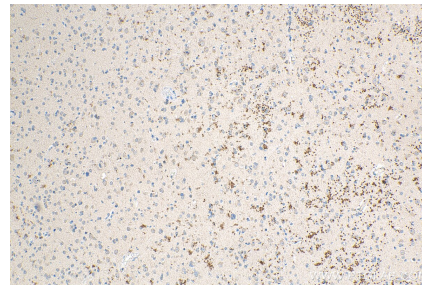
E: proteintech@ptglab.com
 W: ptglab.com

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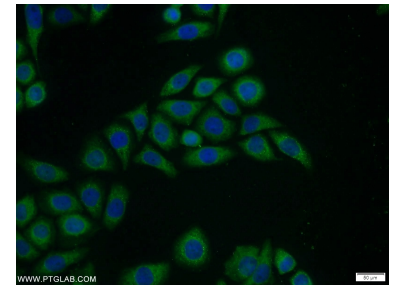
Ausgewählte Validierungsdaten



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).