

For Research Use Only

UBQLNL Polyclonal antibody

Catalog Number: 16400-1-AP

1 Publications



Basic Information

Catalog Number:

16400-1-AP

Size:

150ul , Concentration: 900 ug/ml by Nanodrop and 513 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9496

GenBank Accession Number:

BC012183

GeneID (NCBI):

143630

UNIPROT ID:

Q8IYU4

Full Name:

ubiquilin-like

Calculated MW:

475 aa, 53 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse

Cited Species:

mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : human brain tissue, Jurkat cells

IP : Jurkat cells,

IHC : human colon tissue,

IF/ICC : A431 cells,

Background Information

UBQLNL also named as Ubiquilin like protein, encodes a 475 amino acid protein. The specific function of it is still non-known. UBQLNL may have an association with type 2 diabetes, but the mechanism is supposed be studied in the further research. The subcellular localization of UBQLNL is nucleus. The expression of it is detected in some tissues, such as brain, testis, heart and liver.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------|-----------|--------------|-------------|
| Li Luo | 31059032 | Mol. Med Rep | WB,IF |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

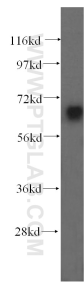
For technical support and original validation data for this product please contact:

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

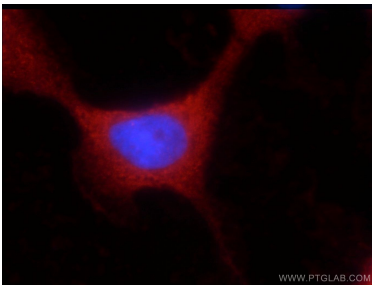
E: proteintech@ptglab.com
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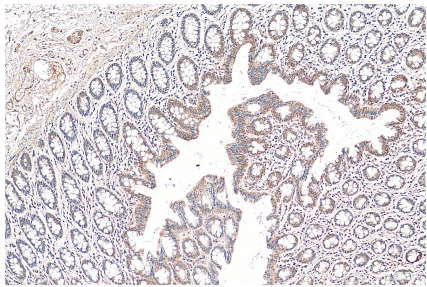
Selected Validation Data



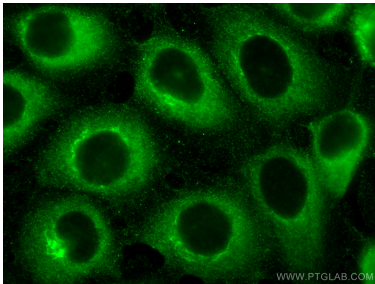
human brain tissue were subjected to SDS PAGE followed by western blot with 16400-1-AP (UBQLNL antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



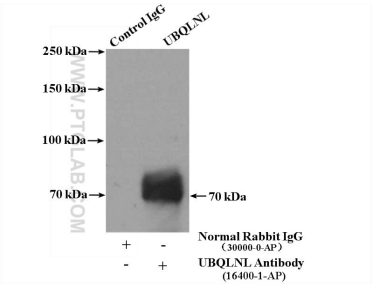
Immunofluorescent analysis of A431 cells using 16400-1-AP (UBQLNL antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 16400-1-AP (UBQLNL antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using UBQLNL antibody (16400-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



IP result of anti-UBQLNL (IP:16400-1-AP, 4ug; Detection:16400-1-AP 1:500) with Jurkat cells lysate 3200ug.