

Rabbit UBQLN4 Polyclonal Antibody | anti-UBQLN4 antibody

UBQLN4 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA22256	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

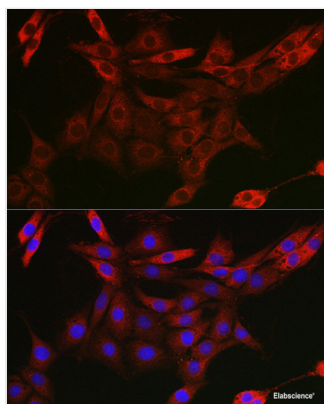
PRODUCT SYNONYMS

UBQLN4; Polyclonal Antibody; UBQLN4 Polyclonal Antibody; A1U; A1Up; C1orf6; CIP75; UBIN; anti-UBQLN4 antibody

PRODUCT SPECIFICATIONS

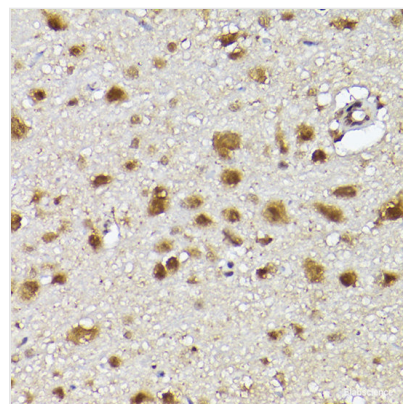
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-UBQLN4 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human UBQLN4
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



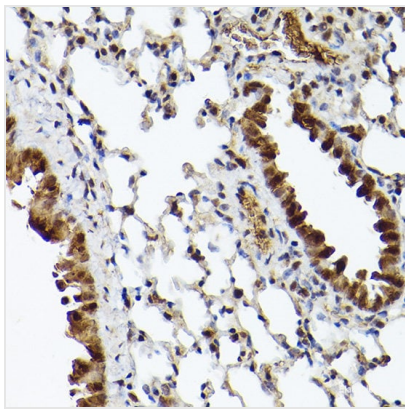
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using UBQLN4 Polyclonal Antibody at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



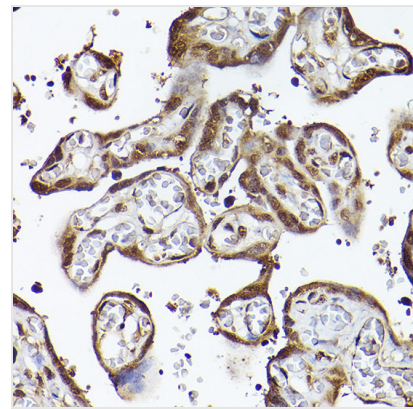
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using UBQLN4 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



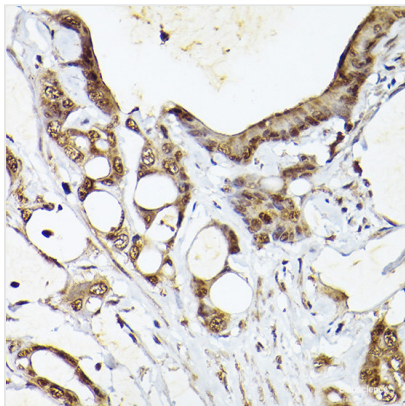
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using UBQLN4 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



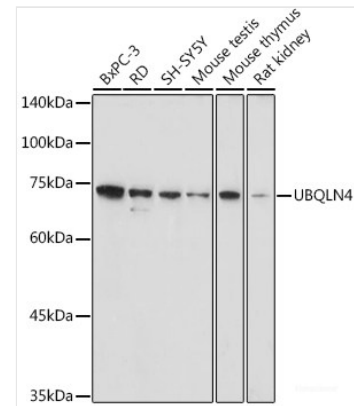
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using UBQLN4 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using UBQLN4 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using UBQLN4 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-UBQLN4 antibody

Regulator of protein degradation that mediates the proteasomal targeting of misfolded, mislocalized or accumulated proteins. Acts by binding polyubiquitin chains of target proteins via its UBA domain and by interacting with subunits of the proteasome via its ubiquitin-like domain. Key regulator of DNA repair that represses homologous recombination repair: in response to DNA damage, recruited to sites of DNA damage following phosphorylation by ATM and acts by binding and removing ubiquitinated MRE11 from damaged chromatin, leading to MRE11 degradation by the proteasome. MRE11 degradation prevents homologous recombination repair, redirecting double-strand break repair toward non-homologous end joining (NHEJ). Specifically recognizes and binds mislocalized transmembrane-containing proteins and targets them to proteasomal degradation. Collaborates with DES1/POST in the export of ubiquitinated proteins from the nucleus to the cytoplasm. Also plays a role in the regulation of the proteasomal degradation of non-ubiquitinated GJA1 (By similarity). Acts as an adapter protein that recruits UBQLN1 to the autophagy machinery. Mediates the association of UBQLN1 with autophagosomes and the autophagy-related protein LC3 (MAP1LC3A/B/C and may assist in the maturation of autophagosomes to autolysosomes by mediating autophagosome-lysosome fusion.

Product Categories/Family for anti-UBQLN4 antibody

Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	45476982
NCBI GeneID	56893
UniProt Accession #	Q9NRR5; Q5VYA0; Q5VYA1; Q9BR98; Q9UHX4; A6ND44; B2RAY7

Molecular Weight	24,527 Da
NCBI Official Full Name	Ubiquilin-4
NCBI Official Synonym Full Names	ubiquilin 4
NCBI Official Symbol	UBQLN4
NCBI Official Synonym Symbols	A1U; A1Up; UBIN; CIP75; C1orf6
NCBI Protein Information	ubiquilin-4; connexin43-interacting protein of 75 kDa; ataxin-1 interacting ubiquitin-like protein; ataxin-1 ubiquitin-like interacting protein; ataxin-1 ubiquitin-like-interacting protein A1U
UniProt Protein Name	Ubiquilin-4
UniProt Gene Name	UBQLN4
UniProt Synonym Gene Names	C1orf6; CIP75; UBIN; A1Up; CIP75
UniProt Entry Name	UBQL4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ubqln4-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/22256>