

Rabbit Ubiquilin1 (PLIC1) Polyclonal Antibody | anti-UBQLN1 antibody

Ubiquilin1 (PLIC1) Antibody (N-term)

CATALOG # AAA286968	HOST Rabbit	REACTIVITY Human, mouse (Predicted Reactivity: Rat)	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

Ubiquilin1 (PLIC1); Polyclonal Antibody; Ubiquilin1 (PLIC1) Antibody (N-term); Ubiquilin-1; Protein linking IAP with cytoskeleton 1; PLIC-1; hPLIC-1; UBQLN1; DA41; PLIC1; anti-UBQLN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Ubiquilin1 (PLIC1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 19-49 amino acids from the N-terminal region of human Ubiquilin1 (PLIC1).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	19-49
Sequence Length	589
Applicable Applications for anti-UBQLN1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

PLIC1 Antibody (P34) western blot analysis in SH-SY5Y, U87-MG cell line lysates (35ug/lane). This demonstrates the PLIC1 antibody detected the PLIC1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-UBQLN1 antibody	PLIC1 is an ubiquitin-like protein (ubiquilin) that shares high degree of similarity with related products in yeast, rat and frog. Ubiquilins contain 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. This ubiquilin has also been shown to modulate accumulation of presenilin proteins, and is found in lesions associated with Alzheimer's and Parkinson's disease.
Product Categories/Family for anti-UBQLN1 antibody	Crown Antibodies; Cell Biology
References	Gao, L., et al., J. Virol. 77(7):4149-4159 (2003). Kleijnen, M.F., et al., Mol. Cell 6(2):409-419 (2000). Mah, A.L., et al., J. Cell Biol. 151(4):847-862 (2000). Hanaoka, E., et al., J. Hum. Genet. 45(3):188-191 (2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	16753203
NCBI GeneID	29979
NCBI Accession #	NP_038466.2; NP_444295.1
NCBI GenBank Nucleotide #	NM_013438.4
UniProt Accession #	Q9UMX0; Q5T6J5; Q5T6J9; Q8IXS9; Q8N2Q3; Q9H0T8; Q9H3R4; Q9HAZ5
Molecular Weight	62519
NCBI Official Full Name	ubiquilin-1 isoform 1
NCBI Official Synonym Full Names	ubiquilin 1
NCBI Official Symbol	UBQLN1
NCBI Official Synonym Symbols	DA41; DSK2; UBQN; XDRP1; PLIC-1
NCBI Protein Information	ubiquilin-1
UniProt Protein Name	Ubiquilin-1
UniProt Gene Name	UBQLN1
UniProt Synonym Gene Names	DA41; PLIC1; PLIC-1; hPLIC-1
UniProt Entry Name	UBQL1_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.