

Product datasheet for **TA334488**

Ubiquilin (UBQLN1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-UBQLN1 antibody: synthetic peptide directed towards the middle region of human UBQLN1. Synthetic peptide located within the following region: QFGGNPFASLVSNNTSSGEGSQPSRTENRDPLPNPWAPQTSQSSSASSGTA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62 kDa
Gene Name:	ubiquilin 1
Database Link:	NP_038466 Entrez Gene 29979 Human Q9UMX0



[View online »](#)

Background:

UBQLN1 is an ubiquitin-like protein (ubiquilin) that shares a high degree of similarity with related products in yeast, rat and frog. Ubiquilins contain an 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 it is found in lesions associated with Alzheimer's and Parkinson's disease. Two transcript variants encoding different isoforms have been found for this gene. This gene encodes 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. Two transcript variants encoding different isoforms have been found for this gene.

Synonyms:

DA41; DSK2; PLIC-1; UBQN; XDRP1

Note:

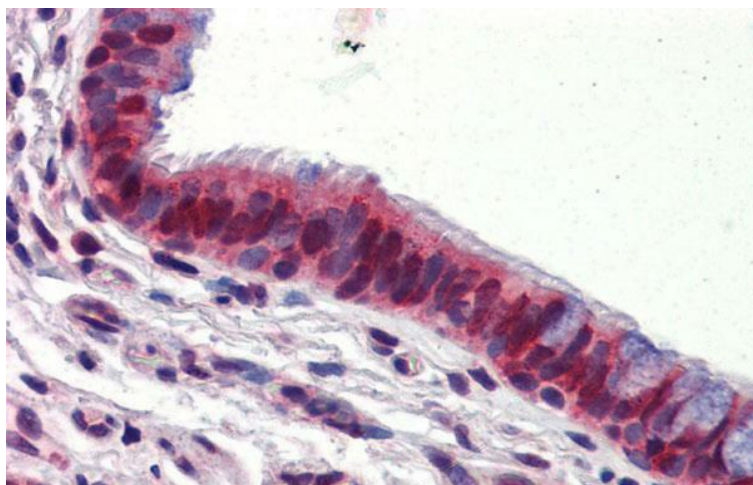
Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Sheep: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Mouse: 92%; Zebrafish: 79%

Protein Families:

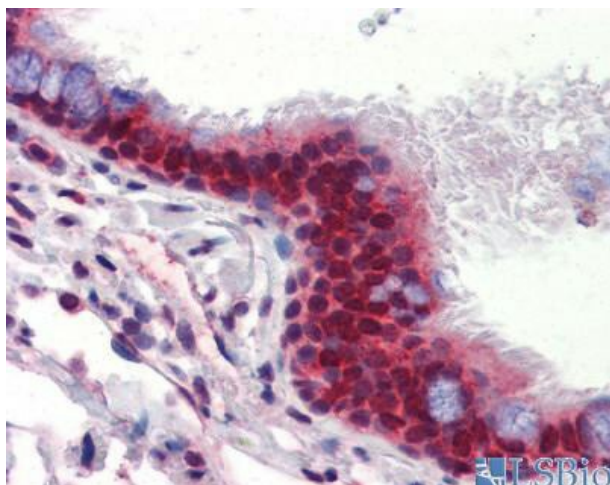
Druggable Genome

Product images:

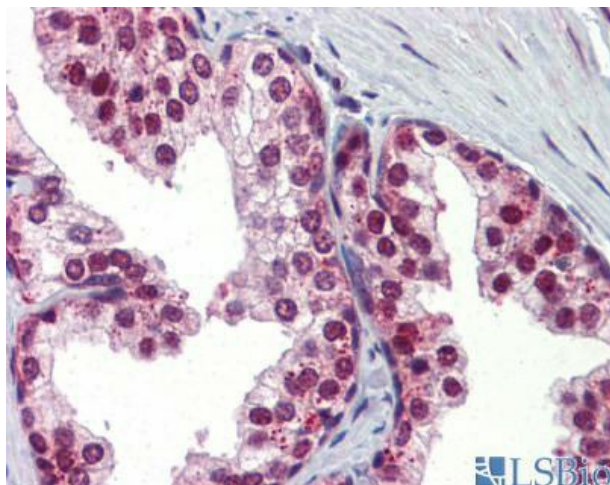
WB Suggested Anti-UBQLN1 Antibody Titration: 1 ug/ml; Positive Control: 293T cells lysate



Immunohistochemistry with Human Lung, respiratory epithelium tissue at an antibody concentration of 5.0 ug/ml using anti-UBQLN1 antibody



Human Lung



Human Lung