

Product datasheet for **TA335543**

UBQLN3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-UBQLN3 Antibody: synthetic peptide directed towards the N terminal of human UBQLN3. Synthetic peptide located within the following region: LMRQHVSVPEFVTQLIDDPFIPGLLSNTGLVRQLVLDNPHMQQLIQHNPE
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:	72 kDa
Gene Name:	ubiquilin 3
Database Link:	NP_059509 Entrez Gene 50613 Human Q9H347



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Background:

UBQLN3 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 thought to functionally link the ubiquitination machinery to the proteasome to affect in vivo protein degradation. UBQLN3 is specifically expressed in the testis, and proposed to regulate cell-cycle progression during spermatogenesis. 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 thought to functionally link the ubiquitination machinery to the proteasome to affect in vivo protein degradation. This gene is specifically expressed in the testis, and proposed to regulate cell-cycle progression during spermatogenesis.

Synonyms:

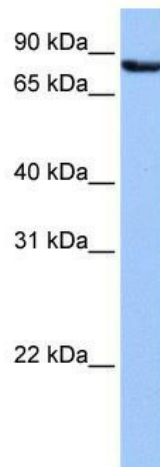
TUP-1

Note:

Immunogen Sequence Homology: Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Dog: 93%; Rat: 93%; Pig: 86%

Protein Families:

Druggable Genome

Product images:

WB Suggested Anti-UBQLN3 Antibody Titration: 0.2-1 ug/ml; Positive Control: HepG2 cell lysate