

## Product datasheet for **AP12096PU-N**

### **UBQLN3 (N-term) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	ELISA: 1/1,000. Western Blot: 1/100-1/500. Immunohistochemistry: 1/50-1/100.
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	Ig
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human Ubiquilin3.
<b>Specificity:</b>	This antibody is specific to Ubiquilin-3/UBQLN3 (N-term).
<b>Formulation:</b>	PBS with 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	ubiquilin 3
<b>Database Link:</b>	<a href="#">Entrez Gene 50613 Human Q9H347</a>



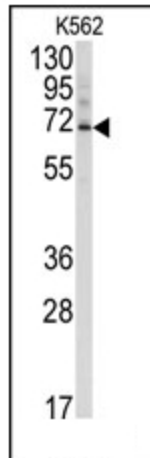
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**Background:**

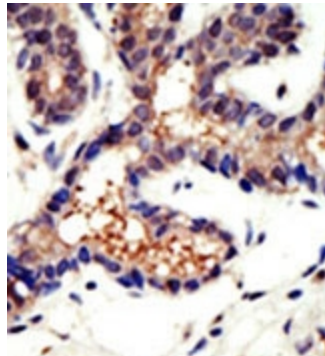
Ubiquilin 3 shares high degree of similarity with related products in yeast, rat and frog. Ubiquilins contain a N-terminal ubiquitin-like domain and a C-terminal ubiquitin-associated domain. They physically associate with both proteasomes and ubiquitin ligases, and are thus thought to functionally link the ubiquitination machinery to the proteasome to affect in vivo protein degradation. The gene is specifically expressed in the testis, and proposed to regulate cell-cycle progression during spermatogenesis.

**Synonyms:**

TUP-1

**Note:****Predicted Molecular weight:** 72729 Da**Product images:**

Western blot analysis of anti-Ubiquilin3 Antibody (N-term) in K562 cell line lysates (35ug/lane). Ubiquilin-3 (arrow) was detected using the purified Pab.



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.