

# UBQLN3 Rabbit pAb

Catalog No.: A17697

## Basic Information

### Observed MW

71kDa

### Calculated MW

71kDa

### Category

Primary antibody

### Applications

WB,IF-P,ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a 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 are 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. It has been suggested that this gene may regulate cell-cycle progression during spermatogenesis, however, it has been shown that the orthologous mouse gene is dispensable for embryonic development and spermatogenesis.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IF-P** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

50613

### Swiss Prot

Q9H347

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

TUP-1; UBQLN3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

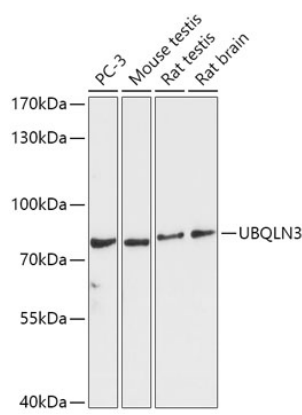
### Purification

Affinity purification

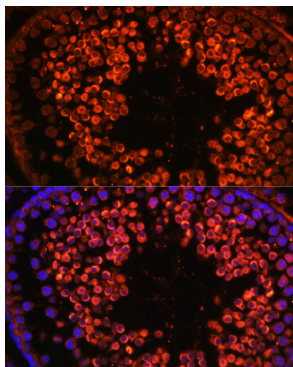
### Storage

Store at -20°C

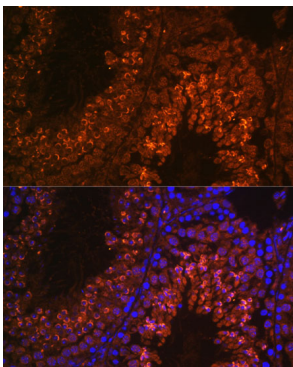
Validation Data



Western blot analysis of various lysates using UBQLN3 Rabbit pAb (A17697) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunofluorescence analysis of paraffin-embedded rat testis using UBQLN3 Rabbit pAb (A17697) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded mouse testis using UBQLN3 Rabbit pAb (A17697) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.