

For Research Use Only

# UBQLN3 Polyclonal antibody

Catalog Number: 23372-1-AP



## Basic Information

<b>Catalog Number:</b> 23372-1-AP	<b>GenBank Accession Number:</b> BC036743	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 650 µg/ml	<b>GeneID (NCBI):</b> 50613	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H347	
<b>Isotype:</b> IgG	<b>Full Name:</b> ubiquilin 3	
<b>Immunogen Catalog Number:</b> AG19982	<b>Calculated MW:</b> 655 aa, 71 kDa <b>Observed MW:</b> 71 kDa	

## Applications

**Tested Applications:**  
IF/ICC, IHC, WB, ELISA

**Species Specificity:**  
human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** mouse testis tissue, HepG2 cells, human testis tissue

**IHC :** human testis tissue,

**IF :** HepG2 cells,

## Background Information

UBQLN3(Ubiquilin-3) may interact with the testis-specific cyclin A1 and regulate cell cycle progression during spermatogenesis, as does frog Xdrp1, with which UBQLN3 shares sequence similarity(PMID:10831842).UBQLN3 expression is not observed in mouse eye, thyroid, pancreas, smooth muscle, ovary, submaxillary gland, uterus, and epididymis by northern blot(PMID:10831842).

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

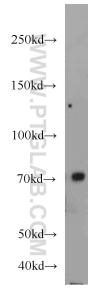
T: 4006900926

E: Proteintech-CN@ptglab.com

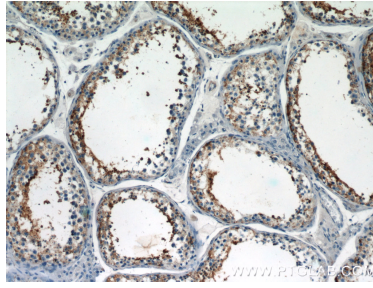
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

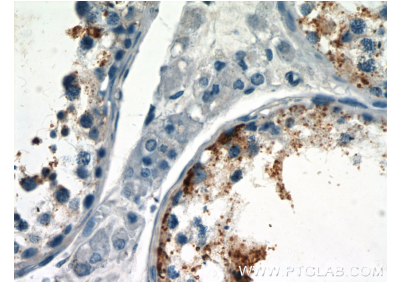
## Selected Validation Data



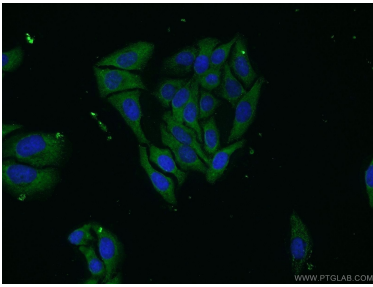
mouse testis tissue were subjected to SDS PAGE followed by western blot with 23372-1-AP (UBQLN3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis slide using 23372-1-AP (UBQLN3 antibody at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human testis slide using 23372-1-AP (UBQLN3 antibody at dilution of 1:50.



Immunofluorescent analysis of HepG2 cells using 23372-1-AP (UBQLN3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).