

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> 150ul , Concentration: 650 ug/ml by Nanodrop and 360 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 50613	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H347	<b>IHC 1:20-1:200</b>
<b>Isotype:</b> IgG	<b>Full Name:</b> ubiquilin 3	<b>IF/ICC 1:200-1:800</b>
<b>Immunogen Catalog Number:</b> AG19982	<b>Calculated MW:</b> 655 aa, 71 kDa	
	<b>Observed MW:</b> 71 kDa	

## Applications

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

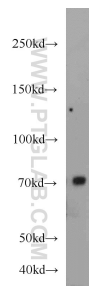
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

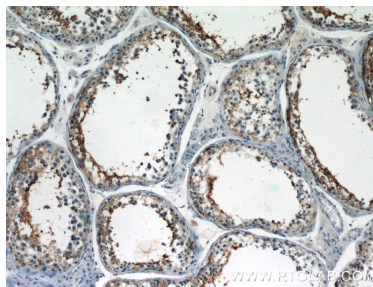
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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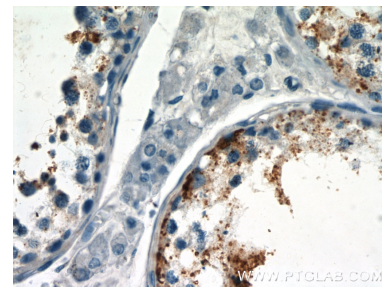
## Selected Validation Data



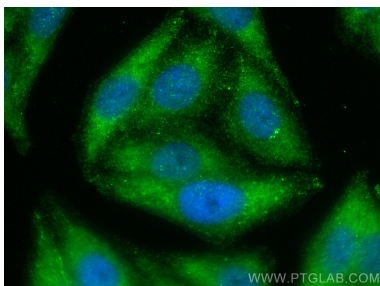
mouse testis tissue were subjected to SDS PAGE followed by western blot with 23372-1-AP (UBQLN3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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 (-20°C Ethanol) fixed HepG2 cells using UBQLN3 antibody (23372-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).