

For Research Use Only

# TTC30A Monoclonal antibody

Catalog Number: 68232-1-Ig



## Basic Information

<b>Catalog Number:</b> 68232-1-Ig	<b>GenBank Accession Number:</b> BC042848	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 92104	<b>CloneNo.:</b> 1A11B3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q86WT1	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF/ICC 1:400-1:1600
<b>Isotype:</b> IgG2b	<b>Full Name:</b> tetra(ri)co(pte)ide repeat domain 30A	
<b>Immunogen Catalog Number:</b> AG18361	<b>Calculated MW:</b> 665 aa, 76 kDa	
	<b>Observed MW:</b> 72-76 kDa	

## Applications

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

**Species Specificity:**  
Human, Mouse, Rat

**Positive Controls:**

**WB :** LNCaP cells, rat testis tissue, HeLa cells, HEK-293 cells, mouse testis tissue

**IF/ICC :** hTERT-RPE1 cells,

## Background Information

Tetra(ri)co(pte)ide repeat protein 30A (TTC30A) as a component of ciliary segmentation, may be essential for cartilage differentiation and renal tubulogenesis (PMID: 34548398). It is required for polyglutamylation of axonemal tubulin and plays a role in anterograde intraflagellar transport (IFT), the process by which cilia precursors are transported from the base of the cilium to the site of their incorporation at the tip.

## 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

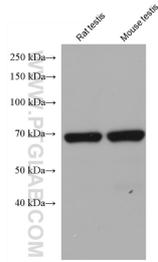
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

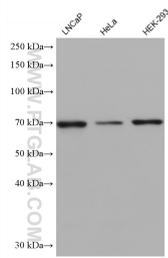
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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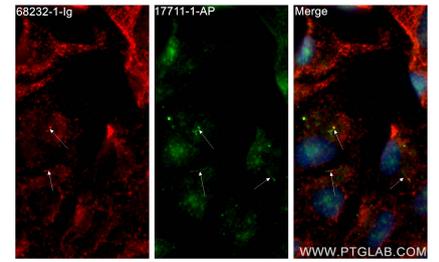
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68232-1-Ig (TTC30A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using TTC30A antibody (68232-1-Ig, Clone: 1A11B3 ) at dilution of 1:800 and CoraLite® 594-Conjugated Goat Anti-Mouse IgG(H+L), ARL13B antibody (17711-1-AP, green).