

For Research Use Only

TTC30A Monoclonal antibody

Catalog Number: 68232-1-Ig



Basic Information

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

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls:
Species Specificity: Human, Mouse, Rat	WB : LNCaP cells, rat testis tissue, HeLa cells, HEK-293 cells, mouse testis tissue
	IF : hTERT-RPE1 cells,

Background Information

Tetra(ri)co(ri)peptide 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

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

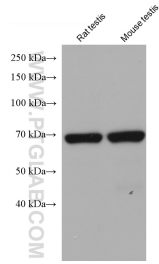
T: 4006900926

E: Proteintech-CN@ptglab.com

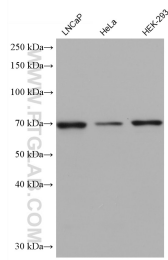
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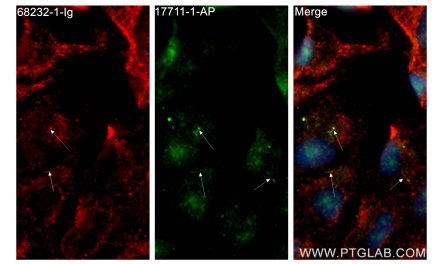
Selected Validation Data



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 AffiniPure Goat Anti-Mouse IgG(H+L), ARL13B antibody (17711-1-AP, green).