

TTC30A Monoclonal antibody

Catalog Number: 68232-1-Ig

Basic Information

Catalog Number:

68232-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG18361

GenBank Accession Number:

BC042848

GeneID (NCBI):

92104

UNIPROT ID:

Q86WT1

Full Name:

tetratricopeptide repeat domain 30A

Calculated MW:

665 aa, 76 kDa

Observed MW:

72-76 kDa

Purification Method:

Protein A purification

CloneNo.:

1A11B3

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

IF/ICC, WB, 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

Tetratricopeptide 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:

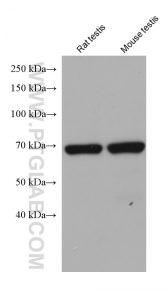
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

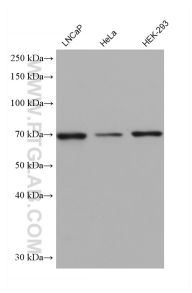
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

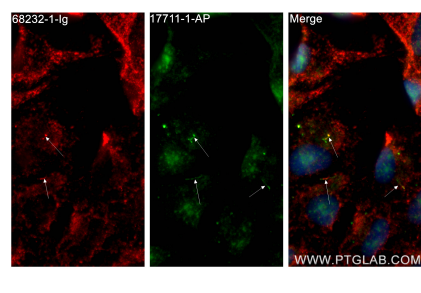
Selected Validation Data



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).