

For Research Use Only

CoraLite® Plus 488-conjugated TTC30A Polyclonal antibody



Catalog Number: CL488-25352

Featured Product

Basic Information

Catalog Number:

CL488-25352

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

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:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

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 polyglutamylated 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

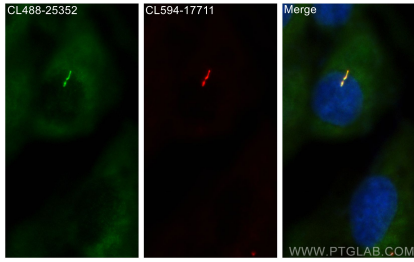
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed hTERT-RPE1 cells using CoraLite® Plus 488 TTC30A antibody (CL488-25352) at dilution of 1:200, CoraLite®594 ARL13B antibody (CL594-17711, red).