

For Research Use Only

TTC26 Polyclonal antibody

Catalog Number: 25083-1-AP

1 Publications



Basic Information

Catalog Number:

25083-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18983

GenBank Accession Number:

BC126331

GeneID (NCBI):

79989

UNIPROT ID:

A0AVF1

Full Name:

tetratricopeptide repeat domain 26

Calculated MW:

554 aa, 64 kDa

Observed MW:

60-64 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : mouse testis tissue, HEK-293 cells, NIH/3T3 cells

IF/ICC : hTERT-RPE1 cells,

Background Information

TTC26 (Tetratricopeptide repeat protein 26), also known as IFT56 (Intraflagellar transport protein 56), is an IFT complex B protein, which has a role in transport of ciliary cargo, important for ciliary motility and construction of full length cilia (PMID: 38135897). Severe biliary ciliopathy, caused by bi-allelic mutations in TTC26, has been recently described in the context of a syndrome of polydactyly and severe neonatal cholestasis, with brain, kidney and heart involvement (PMID: 32617964).

Notable Publications

Author	Pubmed ID	Journal	Application
Tomoharu Kanie	28625565	Dev Cell	WB

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:

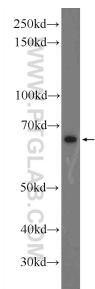
T: 4006900926

E: Proteintech-CN@ptglab.com

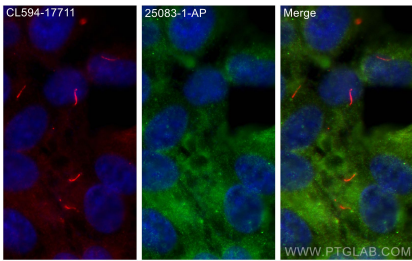
W: ptgcn.com

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Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 25083-1-AP (TTC26 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed hTERT-RPE1 cells using TTC26 antibody (25083-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CoraLite®594 ARL13B antibody (CL594-17711, red).