

For Research Use Only

TTC26 Polyclonal antibody

Catalog Number: 25083-1-AP

1 Publications



Basic Information

Catalog Number:

25083-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

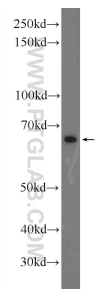
For technical support and original validation data for this product please contact:

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

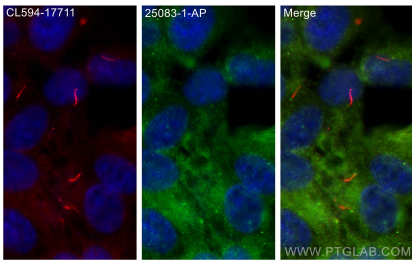
E: proteintech@ptglab.com
W: ptglab.com

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

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).