

For Research Use Only

CoraLite® Plus 488-conjugated IFT140 Polyclonal antibody



Catalog Number: CL488-17460

Featured Product

Basic Information

Catalog Number: CL488-17460	GenBank Accession Number: BC035577	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9742	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: intraflagellar transport 140 homolog (Chlamydomonas)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 1462 aa, 165 kDa	
Immunogen Catalog Number: AG11119	Observed MW: 140 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : hTERT-RPE1 cells,
Species Specificity: human, mouse, rat	

Background Information

IFT140 is a subunit of intraflagellar transport complex A (IFT-A) which is involved in retrograde ciliary transport. RT-PCR analysis showed it is highly expressed in kidney, moderately in ovary, testis, prostate, and lung. IFT140 is localised to the base and tip of primary cilium. IFT140 has a pivotal role in development and function of ciliated cells, and mutations of IFT140 cause skeletal, renal, and retinal ciliopathies. It had been detected as a single band around 140-165 kDa in different reports. (PMID: 20368623, 22282595)

Storage

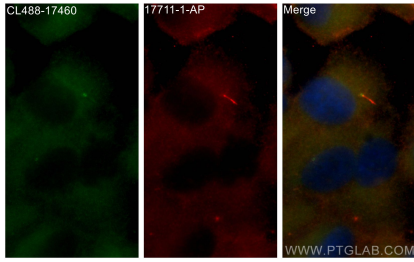
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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 IFT140 antibody (CL488-17460) at dilution of 1:200, ARL13B antibody (17711-1-AP, red).