

For Research Use Only

# IFT122 Polyclonal antibody

Catalog Number: 19304-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 19304-1-AP	<b>GenBank Accession Number:</b> BC004238	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 700 µg/ml	<b>GeneID (NCBI):</b> 55764	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:20-1:200 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9HBG6	
<b>Isotype:</b> IgG	<b>Full Name:</b> intraflagellar transport 122 homolog (Chlamydomonas)	
<b>Immunogen Catalog Number:</b> AG6860	<b>Calculated MW:</b> 142 kDa	
	<b>Observed MW:</b> 140 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b> WB : mouse testis tissue, IHC : human testis tissue, human brain tissue, human stomach tissue IF/ICC : MDCK cells, hTERT-RPE1 cells
<b>Cited Applications:</b> WB, IF	
<b>Species Specificity:</b> human, mouse, canine	
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Tooba Quidwai	34734804	Elife	WB,IF
Siew Cheng Phua	28086093	Cell	WB
Mariko Takahara	29220510	Hum Mol Genet	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:

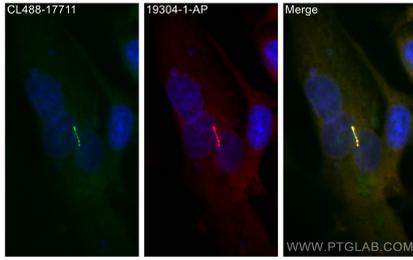
T: 4006900926

E: Proteintech-CN@ptglab.com

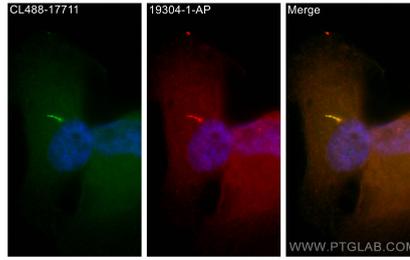
W: ptgcn.com

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

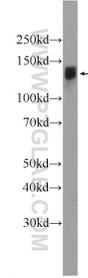
## Selected Validation Data



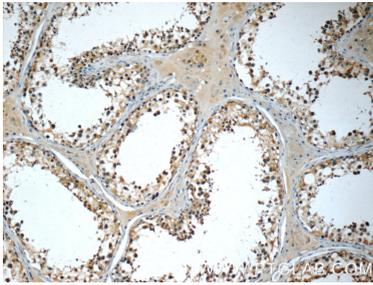
Immunofluorescent analysis of (-20°C Methanol) fixed MDCK cells using IFT122 antibody (19304-1-AP) at dilution of 1:400 and CoraLite®594-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CoraLite® Plus 488 ARL13B antibody (CL488-17711, green).



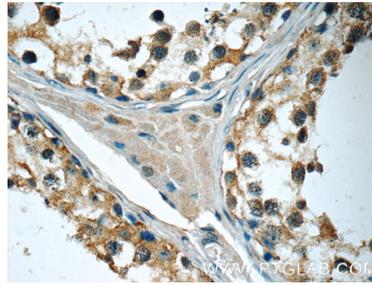
Immunofluorescent analysis of (-20°C Methanol) fixed hTERT-RPE1 cells using IFT122 antibody (19304-1-AP) at dilution of 1:400 and CoraLite®594-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CoraLite® Plus 488 ARL13B antibody (CL488-17711, green).



mouse testis tissue were subjected to SDS PAGE followed by western blot with 19304-1-AP (IFT122 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 19304-1-AP (IFT122 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 19304-1-AP (IFT122 Antibody) at dilution of 1:50 (under 40x lens).