

For Research Use Only

# IFT52 Polyclonal antibody

Catalog Number: 17534-1-AP

Featured Product

23 Publications



## Basic Information

Catalog Number:

17534-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11586

GenBank Accession Number:

BC039831

GeneID (NCBI):

51098

UNIPROT ID:

Q9Y366

Full Name:

intraflagellar transport 52 homolog  
(Chlamydomonas)

Calculated MW:

437 aa, 50 kDa

Observed MW:

45-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total  
protein lysate

IF/ICC 1:10-1:100

## Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB, IF, IP, ColP

Species Specificity:

human, mouse, rat, canine

Cited Species:

human, mouse, rat, chicken

Positive Controls:

WB: HEK-293 cells, human testis tissue, mouse testis  
tissue, MDCK cells, LNCaP cells

IP: mouse testis tissue, HeLa cells

IF/ICC: HeLa cells,

## Background Information

IFT52, also named as C20orf9 and NGD5, is a component of IFT complex B which is composed of IFT88, IFT57, TRAF3IP1, IFT52, IFT27, HSPB11 and IFT20. IFT52 binds directly to the IFT81/74/27/25 complex. And IFT52 could mediate the interaction between the two subcomplexes. (PMID:21642430) The MW of IFT52 is about 45-54kd.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ivan Duran	27666822	Sci Rep	WB
Shichao Duan	33241915	EMBO J	WB
Chunyu Liu	31735294	Am J Hum 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:

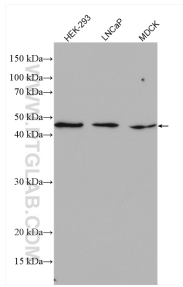
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

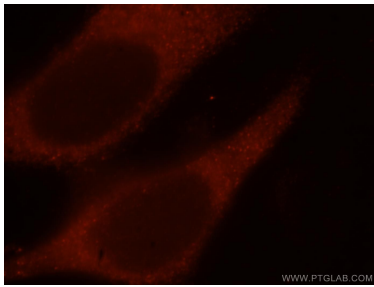
W: [ptgcn.com](http://ptgcn.com)

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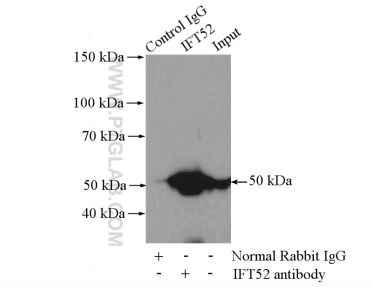
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17534-1-AP (IFT52 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells, using IFT52 antibody 17534-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP result of anti-IFT52 (IP:17534-1-AP, 4ug; Detection:17534-1-AP 1:1000) with mouse testis tissue lysate 4000ug.