

IFT52

POLYCLONAL ANTIBODY

Catalog Number: 17534-1-AP

4 Publications

Basic Information

Catalog Number:
17534-1-AP

Size:
57 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG11586

GenBank Accession Number:
BC039831

GeneID (NCBI):
51098

Full Name:
intraflagellar transport 52 homolog
(Chlamydomonas)

Calculated MW:
437aa, 50 kDa

Observed MW:
50kd

Recommended Dilutions:

WB 1:200-1:2000

IP 1:500-1:5000

IF 1:10-1:100

Applications

Tested Applications:

ELISA, IF, WB, IP

Cited Applications:

WB

Species Specificity:

Human, Mouse, Rat, Dog

Cited Species:

human

Positive Controls:

WB : MDCK cells; human testis tissue, mouse testis tissue

IP : mouse testis tissue; HeLa cells

IF : 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. (PMD:21642430) The MW of IFT52 is about 50-54kd.

Notable Publications

Author	Pubmed ID	Journal	Application
Wenjuan Zhang	27466190	Hum Mol Genet	WB
Yanan Xu	25860617	PLoS One	WB
Sebiha Cevik	24339792	PLoS 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

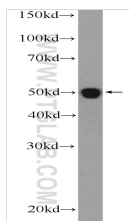
For technical support and original validation data for this product please contact:

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

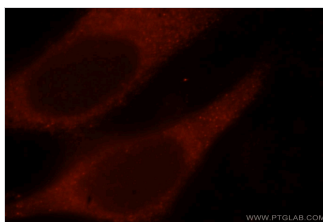
E: proteintech@ptglab.com
W: ptglab.com

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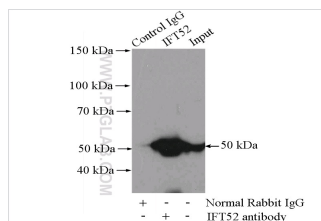
Selected Validation Data



MDCK cells were subjected to SDS PAGE followed by western blot with 17534-1-AP (IFT52 Antibody) at dilution of 1:600



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.