

For Research Use Only

IFT52 Polyclonal antibody

Catalog Number: 17534-1-AP

Featured Product

25 Publications



Basic Information

Catalog Number:

17534-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 380 ug/ml by Bradford method using BSA as the standard;

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 ug 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, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

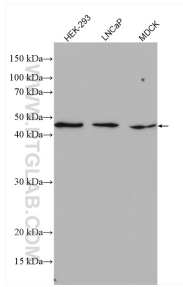
For technical support and original validation data for this product please contact:

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

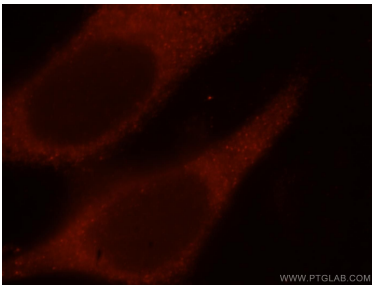
E: proteintech@ptglab.com
W: ptglab.com

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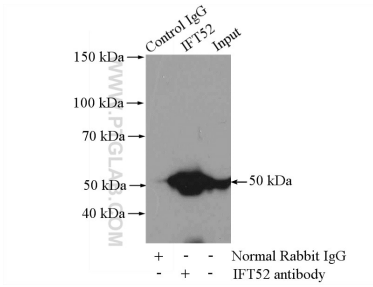
Selected Validation Data



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.