

For Research Use Only

DNAI2 Polyclonal antibody

Catalog Number: 17533-1-AP

13 Publications



Basic Information

Catalog Number:

17533-1-AP

Size:

150ul, Concentration: 650 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11585

GenBank Accession Number:

BC039582

GeneID (NCBI):

64446

UNIPROT ID:

Q9GZS0

Full Name:

dynein, axonemal, intermediate chain 2

Calculated MW:

593 aa, 67 kDa

Observed MW:

70 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

IHC 1:20-1:200

IF-P 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF-P, IP, ELISA

Cited Applications:

WB, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: mouse ovary tissue, HeLa cells, mouse lung tissue

IP: mouse lung tissue,

IHC: human heart tissue,

IF-P: mouse testis tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Haruhiko Miyata	34526446	Exp Anim	WB
Girish R Mali	29916806	Elife	WB,IF,IP
Mingrong Lv	36632462	Int J Biol Sci	WB,IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

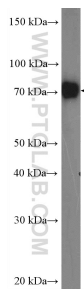
For technical support and original validation data for this product please contact:

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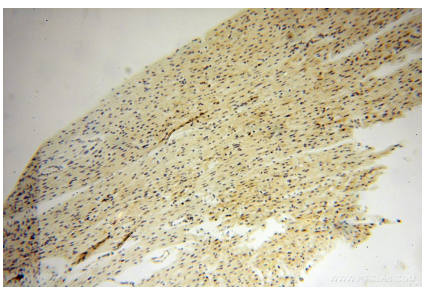
E: proteintech@ptglab.com
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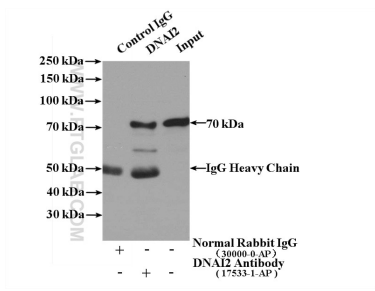
Selected Validation Data



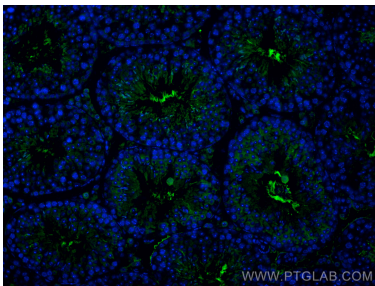
mouse ovary tissue were subjected to SDS PAGE followed by western blot with 17533-1-AP (DNAI2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart using 17533-1-AP (DNAI2 antibody) at dilution of 1:50 (under 10x lens).



IP result of anti-DNAI2 (IP:17533-1-AP, 4ug; Detection:17533-1-AP 1:400) with mouse lung tissue lysate 4000ug.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse testis tissue using DNAI2 antibody (17533-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).