

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 1:50-1:500

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 : mouse ovary tissue, 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,IP,IF
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, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

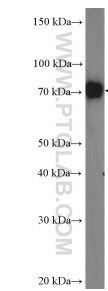
For technical support and original validation data for this product please contact:

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

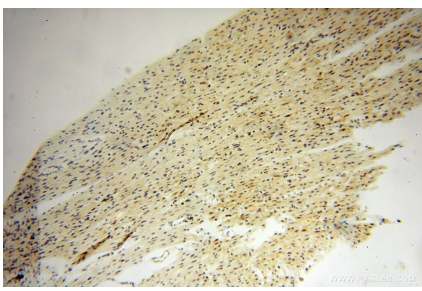
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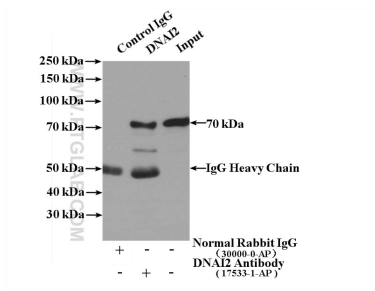
Selected Validation Data



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.



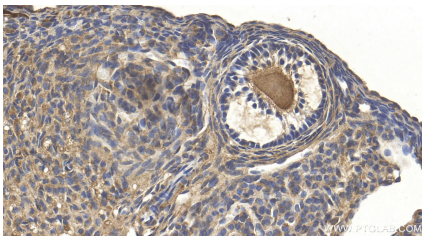
Immunohistochemical analysis of paraffin-embedded human heart using 17533-1-AP (DNAI2 antibody) at dilution of 1:50 (under 10x lens).



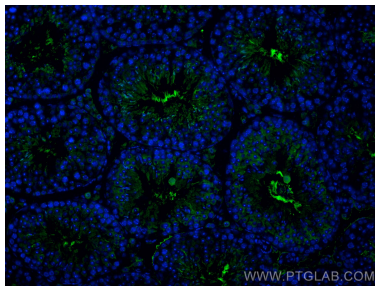
IP result of anti-DNAI2 (IP:17533-1-AP, 4ug; Detection:17533-1-AP 1:400) with mouse lung tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 17533-1-AP (DNAI2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 17533-1-AP (DNAI2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).