

For Research Use Only

DNAI2 Polyclonal antibody

Catalog Number: 17533-1-AP

13 Publications



Basic Information

Catalog Number:

17533-1-AP

Concentration:

650 ug/ml

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,

Background Information

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

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

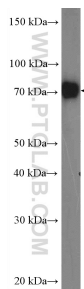
T: 4006900926

E: Proteintech-CN@ptglab.com

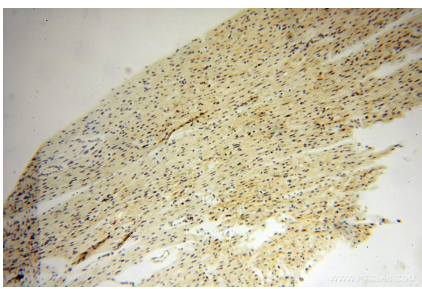
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

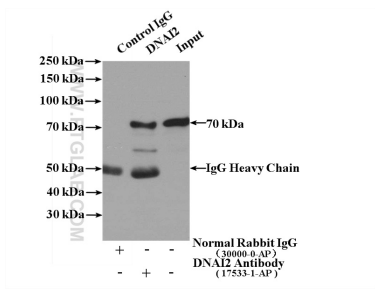
Selected Validation Data



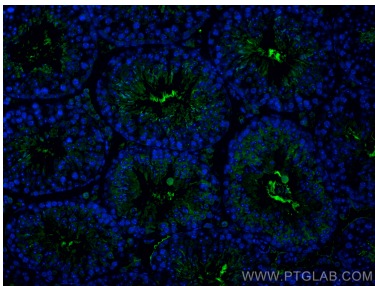
mouse ovary tissue were subjected to SDS PAGE followed by western blot with 17533-1-AP (DNAI2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



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).