

For Research Use Only

DYNC1I2 Polyclonal antibody

Catalog Number: 12219-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

12219-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2873

GenBank Accession Number:

BC015038

GeneID (NCBI):

1781

UNIPROT ID:

Q13409

Full Name:

dynein, cytoplasmic 1, intermediate chain 2

Calculated MW:

612 aa, 68 kDa

Observed MW:

68-72 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 1:500-1:2000

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IP

Species Specificity:

human, mouse, rat

Cited Species:

human

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: Jurkat cells, A375 cells, human brain tissue, mouse testis tissue

IP: mouse testis tissue, HeLa cells

IHC: mouse stomach tissue, mouse cerebellum tissue, rat cerebellum tissue

IF/ICC: A375 cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Mari S Lehti	28619825	Development	IP
Hironori Inaba	26880200	J Cell Biol	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

*** 20ul sizes contain 0.1% BSA

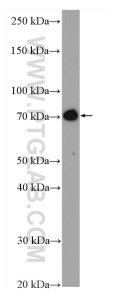
For technical support and original validation data for this product please contact:

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

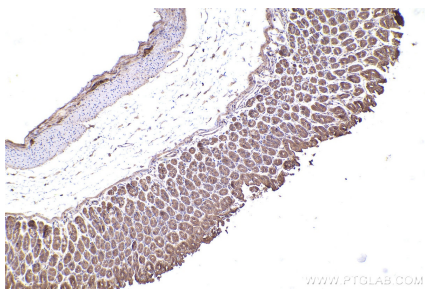
E: proteintech@ptglab.com
W: ptglab.com

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

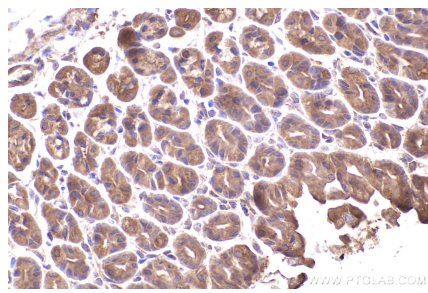
Selected Validation Data



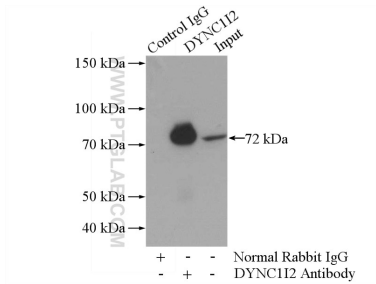
Jurkat cells were subjected to SDS PAGE followed by western blot with 12219-1-AP (DYNC112 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



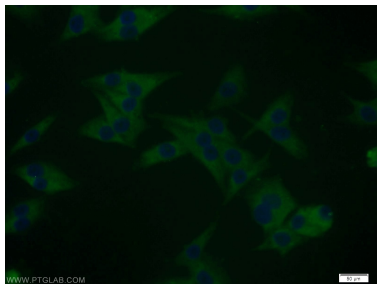
Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 12219-1-AP (DYNC112 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 12219-1-AP (DYNC112 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-DYNC112 (IP:12219-1-AP, 4ug; Detection:12219-1-AP 1:500) with mouse testis tissue lysate 4000ug.



Immunofluorescent analysis of A375 cells using 12219-1-AP (DYNC112 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).