

For Research Use Only

DYNC1I2 Polyclonal antibody

Catalog Number: 12219-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

12219-1-AP

Size:

400 ug/ml

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,

Background Information

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

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

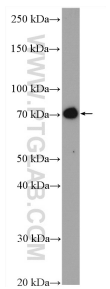
T: 4006900926

E: Proteintech-CN@ptglab.com

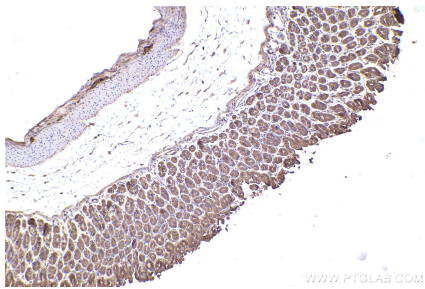
W: ptgcn.com

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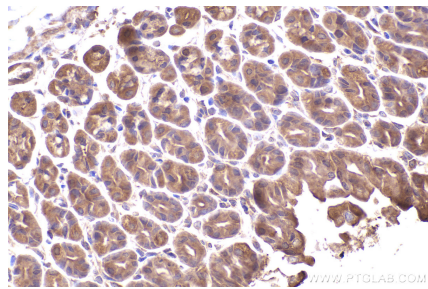
Selected Validation Data



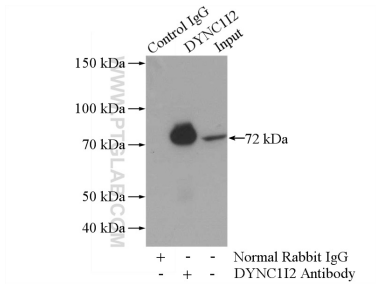
Jurkat cells were subjected to SDS PAGE followed by western blot with 12219-1-AP (DYNC1I2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



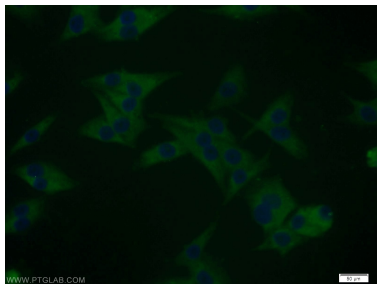
Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 12219-1-AP (DYNC1I2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 12219-1-AP (DYNC1I2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-DYNC1I2 (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 (DYNC1I2 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).