

For Research Use Only

DNM1 Monoclonal antibody

Catalog Number: 68009-1-Ig

Featured Product



Basic Information

Catalog Number:

68009-1-Ig

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG12932

GenBank Accession Number:

BC063850

GeneID (NCBI):

1759

UNIPROT ID:

Q05193

Full Name:

dynamin 1

Calculated MW:

851 aa, 96 kDa

Observed MW:

100 kDa

Purification Method:

Protein G purification

CloneNo.:

1B2A11

Recommended Dilutions:

WB 1:20000-1:100000

IHC 1:2500-1:10000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

Human, Rat, Mouse, Rabbit, Pig, Chicken

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 : pig brain tissue, A549 cells, Rabbit brain tissue, Rat brain tissue, Mouse brain tissue, Chicken brain tissue

IHC : rat brain tissue,

IF/ICC : Neuro-2a cells,

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:

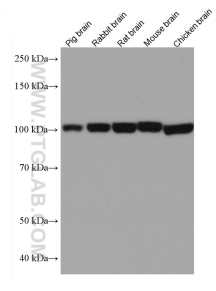
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

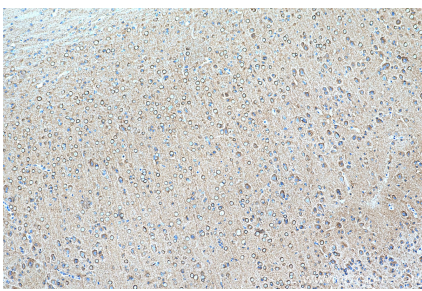
W: ptglab.com

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

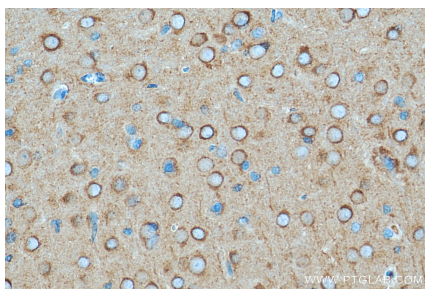
Selected Validation Data



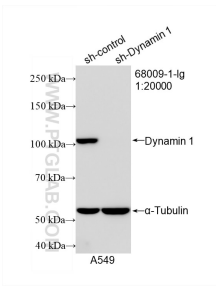
pig brain tissue were subjected to SDS PAGE followed by western blot with 68009-1-Ig (DNM1 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



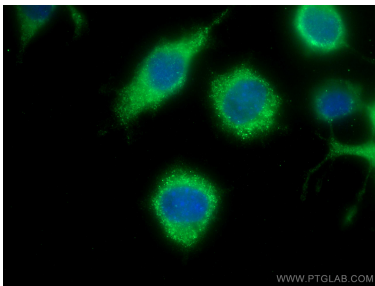
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 68009-1-Ig (DNM1 antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 68009-1-Ig (DNM1 antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of DNMI antibody (68009-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DNMI1 transfected A549 cells.



Immunofluorescent analysis of (4% PFA) fixed Neuro-2a cells using DNMI antibody (68009-1-Ig, Clone: 1B2A11) at dilution of 1:800 and CoraLite® 488-Conjugated Goat Anti-Mouse IgG(H+L).