

For Research Use Only

DNM1 Monoclonal antibody

Catalog Number: 68009-1-Ig

Featured Product



Basic Information

Catalog Number: 68009-1-Ig	GenBank Accession Number: BC063850	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1759	CloneNo.: 1B2A11
Source: Mouse	Full Name: dynamin 1	Recommended Dilutions: WB 1:20000-1:100000 IHC 1:2500-1:10000 IF 1:400-1:1600
Isotype: IgG1	Calculated MW: 851 aa, 96 kDa	
Immunogen Catalog Number: AG12932	Observed MW: 100 kDa	

Applications

Tested Applications:

IF, IHC, WB, 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 : Neuro-2a cells,

Background Information

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

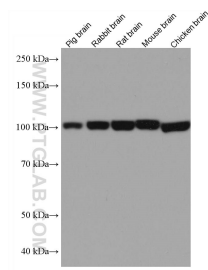
For technical support and original validation data for this product please contact:

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

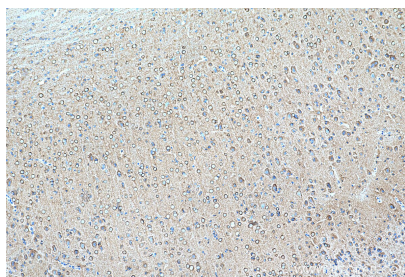
E: proteintech@ptglab.com
W: ptglab.com

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

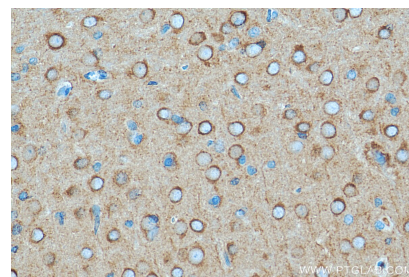
Selected Validation Data



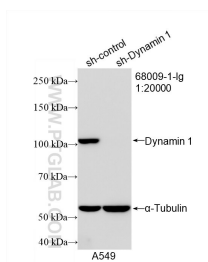
pig brain tissue were subjected to SDS PAGE followed by western blot with 68009-1-Ig (DNM1 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



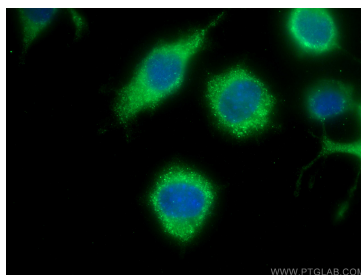
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 68009-1-Ig (DNM1 antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 DNM1 antibody (68009-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DNM1 transfected A549 cells.



Immunofluorescent analysis of (4% PFA) fixed Neuro-2a cells using DNM1 antibody (68009-1-Ig, Clone: 1B2A11) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).