

DNM1 Monoclonal antibody

Catalog Number: 68009-1-Ig

Featured Product

Basic Information

Catalog Number:

68009-1-Ig

Size:

1000 µg/ml

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:

IF/ICC, 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/ICC : Neuro-2a cells,

Background Information

Storage

Storage:

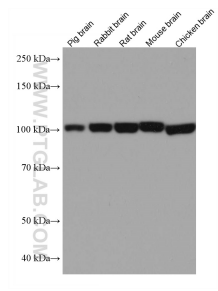
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

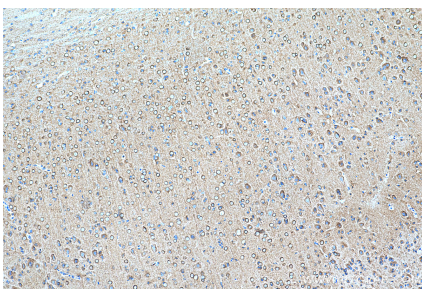
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

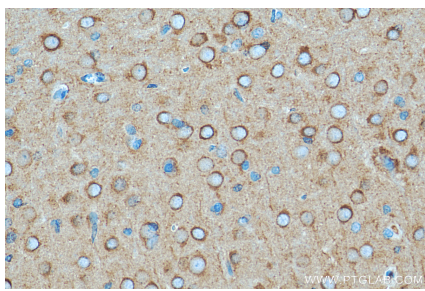
Selected Validation Data



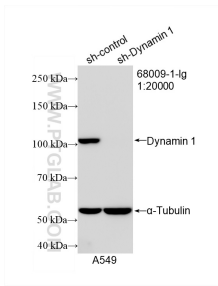
pig brain tissue were subjected to SDS PAGE followed by western blot with 68009-1-Ig (DNM1 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



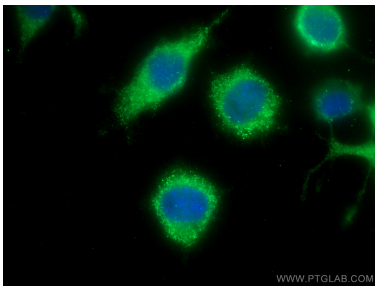
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 68009-1-Ig (DNM1 antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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-DNM1 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 AffiniPure Goat Anti-Mouse IgG(H+L).