

For Research Use Only

SYNGR1 Monoclonal antibody

Catalog Number: 68176-1-Ig



Basic Information

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| Catalog Number: 68176-1-Ig | GenBank Accession Number: BC000731 | Purification Method: Protein G purification |
| Size: 150ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 9145 | CloneNo.: 2H2H1 |
| Source: Mouse | Full Name: synaptogyrin 1 | Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000 |
| Isotype: IgG1 | Calculated MW: 25 kDa | |
| Immunogen Catalog Number: AG31309 | Observed MW: 29 kDa | |

Applications

Tested Applications:
IHC, WB, ELISA

Species Specificity:
Human, Mouse, Rat, Pig, Rabbit

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 : mouse retina tissue, pig brain tissue, rabbit brain tissue, rat brain tissue, mouse brain tissue

IHC : rat brain tissue,

Background Information

Storage

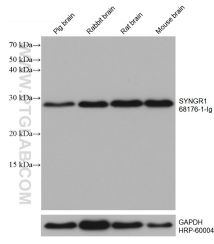
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

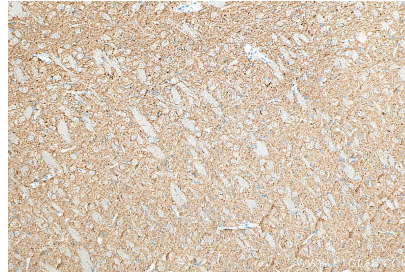
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

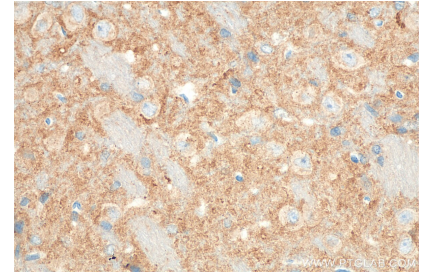
Selected Validation Data



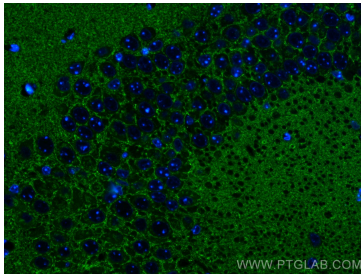
Various lysates were subjected to SDS PAGE followed by western blot with 68176-1-Ig (SYNGR1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



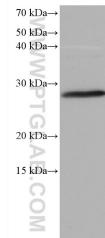
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 68176-1-Ig (SYNGR1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 68176-1-Ig (SYNGR1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using SYNGR1 antibody (68176-1-Ig, Clone: 2H2H1) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



mouse retina tissue were subjected to SDS PAGE followed by western blot with 68176-1-Ig (SYNGR1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.