

For Research Use Only

# NCS1 Monoclonal antibody

Catalog Number: 67616-1-Ig 1 Publications



## Basic Information

|   |   |   |
|---|---|---|
| Catalog Number:<br>67616-1-Ig   | GenBank Accession Number:<br>BC004856         | Purification Method:<br>Protein A purification                                  |
| Size:<br>150ul , Concentration: 1900 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI):<br>23413                       | CloneNo.:<br>2F10C8   |
| Source:<br>Mouse  | Full Name:<br>frequentin homolog (Drosophila) | Recommended Dilutions:<br>WB 1:1000-1:6000<br>IHC 1:200-1:800<br>IF 1:200-1:800 |
| Isotype:<br>IgG2a   | Calculated MW:<br>22 kDa                      |   |
| Immunogen Catalog Number:<br>AG29808  | Observed MW:<br>20 kDa                        |   |

## Applications

|  |  |
|--|--|
| Tested Applications:<br>IF, IHC, WB, ELISA   | Positive Controls:   |
| Cited Applications:<br>IF  | WB : U-251 cells, U-87 MG cells, pig brain tissue, pig cerebellum tissue, rat brain tissue, rat cerebellum tissue, mouse brain tissue, mouse cerebellum tissue |
| Species Specificity:<br>Human, mouse, rat, pig   | IHC : mouse brain tissue,  |
| Cited Species:<br>mouse  | IF : mouse brain tissue,   |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |  |

## Background Information

### Notable Publications

| Author            | Pubmed ID | Journal       | Application |
|-------------------|-----------|---------------|-------------|
| Elena G Varlamova | 36555318  | Int J Mol Sci | IF          |

## Storage

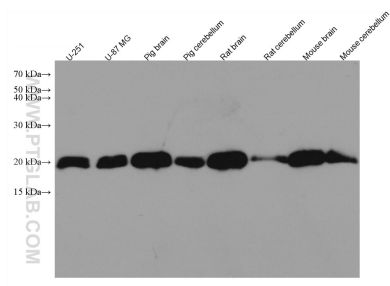
Storage:  
Store at -20°C.  
Storage Buffer:  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

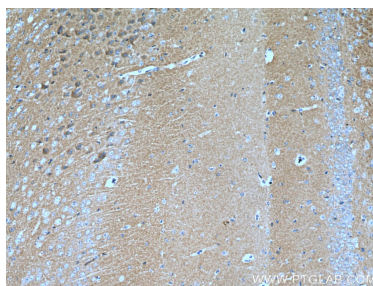
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

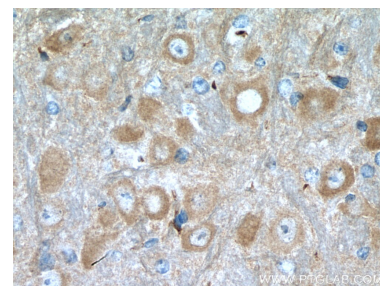
## Selected Validation Data



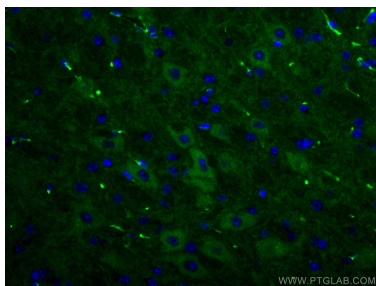
Various lysates were subjected to SDS PAGE followed by western blot with 67616-1-Ig (NCS1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67616-1-Ig (NCS1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67616-1-Ig (NCS1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using NCS1 antibody (67616-1-Ig, Clone: 2F10C8) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).