

# NCS1 Monoclonal antibody

Catalog Number: 67616-1-Ig 1 Publications

## Basic Information

<b>Catalog Number:</b> 67616-1-Ig	<b>GenBank Accession Number:</b> BC004856	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1900 µg/ml	<b>GeneID (NCBI):</b> 23413	<b>CloneNo.:</b> 2F10C8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P62166	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:200-1:800 IF-P 1:200-1:800
<b>Isotype:</b> IgG2a	<b>Full Name:</b> frequenin homolog (Drosophila)	
<b>Immunogen Catalog Number:</b> AG29808	<b>Calculated MW:</b> 22 kDa	
	<b>Observed MW:</b> 20 kDa	

## Applications

<b>Tested Applications:</b> IF-P, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IF	<b>WB :</b> 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
<b>Species Specificity:</b> Human, mouse, rat, pig	<b>IHC :</b> mouse brain tissue,
<b>Cited Species:</b> mouse	<b>IF-P :</b> 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

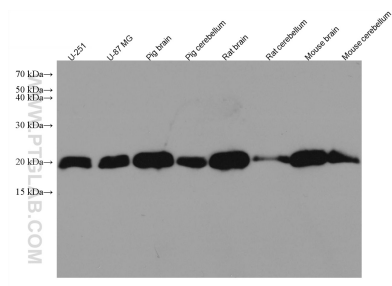
### Notable Publications

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

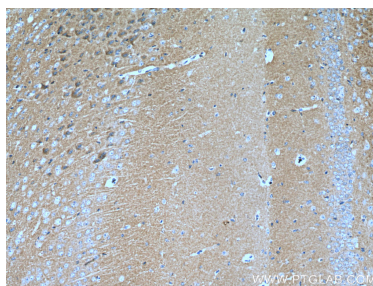
## Storage

**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

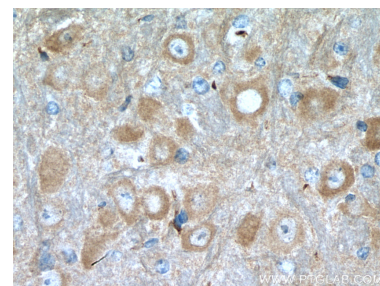
## Selected Validation Data



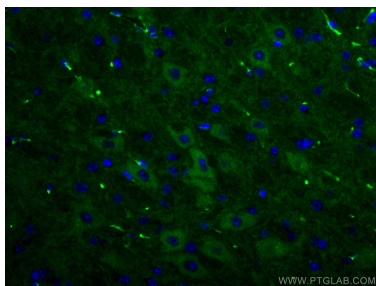
Various lysates were subjected to SDS PAGE followed by western blot with 67616-1-Ig (NCS1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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).