

For Research Use Only

# NFIX Monoclonal antibody, PBS Only

Catalog Number: 67983-1-PBS



## Basic Information

Catalog Number:

67983-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG31447

GenBank Accession Number:

NM\_001271043

GeneID (NCBI):

4784

UNIPROT ID:

Q14938

Full Name:

nuclear factor I/X (CCAAT-binding transcription factor)

Calculated MW:

50 kDa

Observed MW:

45kDa, 50kDa

Purification Method:

Protein A purification

CloneNo.:

1E8A1

## Applications

Tested Applications:

WB, Indirect ELISA, IHC

Species Specificity:

Human, mouse, rat, pig, rabbit

## Background Information

NFIX, also named CTF, belongs to the CTF/NF-I family. NFIX recognizes and binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. NFIX is individually capable of activating transcription and replication.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

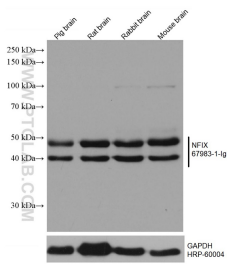
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

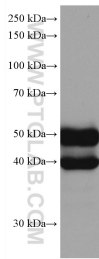
W: [ptgcn.com](http://ptgcn.com)

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

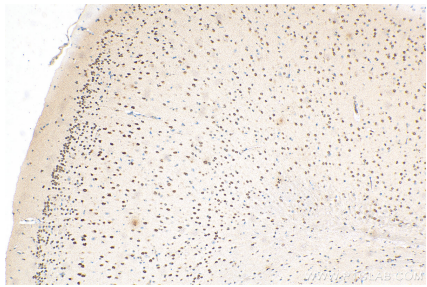
Selected Validation Data



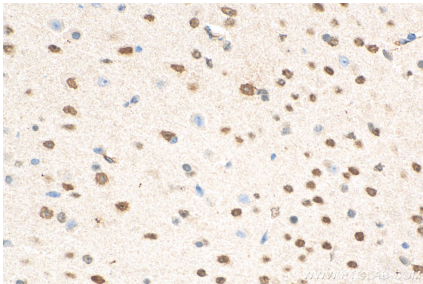
Various lysates were subjected to SDS PAGE followed by western blot with 67983-1-Ig (NFIx antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 67983-1-PBS in a different storage buffer formulation.



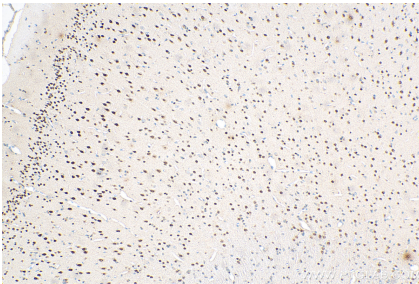
HeLa cells were subjected to SDS PAGE followed by western blot with 67983-1-Ig (NFIx antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67983-1-PBS in a different storage buffer formulation.



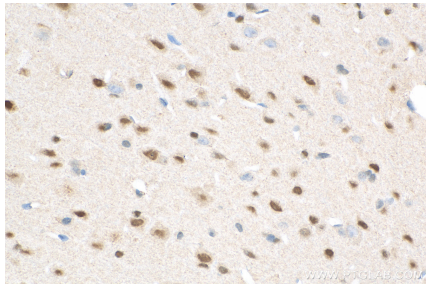
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67983-1-Ig (NFIx antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67983-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67983-1-Ig (NFIx antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67983-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 67983-1-Ig (NFIx antibody) at dilution of 1:1500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67983-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 67983-1-Ig (NFIx antibody) at dilution of 1:1500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67983-1-PBS in a different storage buffer formulation.