

For Research Use Only

# SFXN3 Polyclonal antibody

Catalog Number: 15156-1-AP

Featured Product

4 Publications



## Basic Information

### Catalog Number:

15156-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG7203

### GenBank Accession Number:

BC000124

### GeneID (NCBI):

81855

### UNIPROT ID:

Q9BWM7

### Full Name:

sideroflexin 3

### Calculated MW:

36 kDa

### Observed MW:

36 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:250-1:1000

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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:** C6 cells, Neuro-2a cells, rat brain tissue, NIH/3T3 cells, HeLa cells, mouse brain tissue, SH-SY5Y cells

**IHC:** mouse brain tissue,

**IF/ICC:** BxPC-3 cells,

## Background Information

SFXN3, a mitochondrial membrane protein, is a member of sideroflexin family. Serum anti-SFXN3 autoantibody was elevated in early stage of the oral squamous cell carcinoma significantly, indicating its clinical value for diagnosis of oral squamous cell carcinoma.

## Notable Publications

Author	Pubmed ID	Journal	Application
Brian J Sandri	30742544	Am J Respir Crit Care Med	WB
Mariluz Soula	32778843	Nat Chem Biol	WB
Jingke Xie	37650635	Nucleic Acids Res	WB

## 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

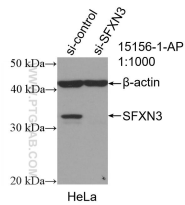
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

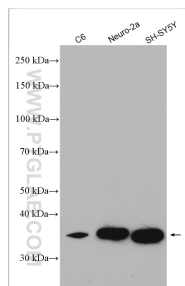
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

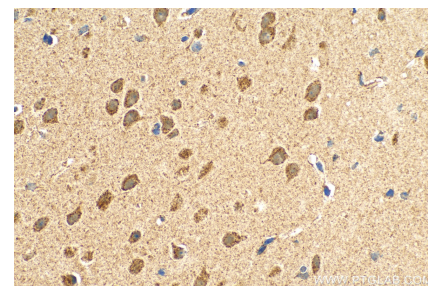
## Selected Validation Data



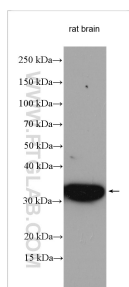
WB result of SFXN3 antibody (15156-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SFXN3 transfected HeLa cells.



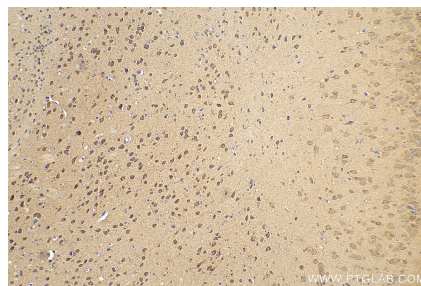
Various lysates were subjected to SDS PAGE followed by western blot with 15156-1-AP (SFXN3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



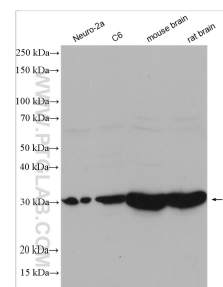
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15156-1-AP (SFXN3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



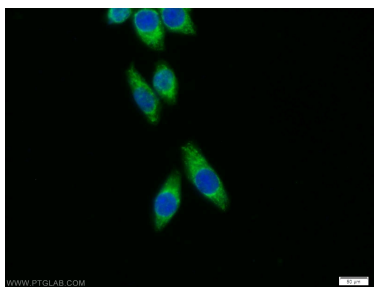
Various lysates were subjected to SDS PAGE followed by western blot with 15156-1-AP (SFXN3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15156-1-AP (SFXN3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 15156-1-AP (SFXN3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of BxPC-3 cells using 15156-1-AP (SFXN3 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).