

For Research Use Only

SFXN3 Polyclonal antibody

Catalog Number: 15156-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number: 15156-1-AP	GenBank Accession Number: BC000124	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop;	GeneID (NCBI): 81855	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:250-1:1000 IF 1:10-1:100
Source: Rabbit	Full Name: sideroflexin 3	
Isotype: IgG	Calculated MW: 36 kDa	
Immunogen Catalog Number: AG7203	Observed MW: 36 kDa	

Applications

Tested Applications:
IF, IHC, WB, ELISA

Cited Applications:
IHC, WB

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: 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

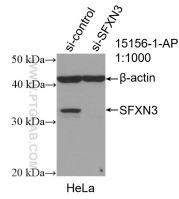
For technical support and original validation data for this product please contact:

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

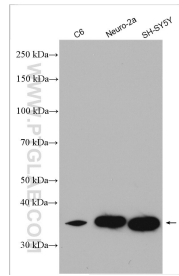
E: proteintech@ptglab.com
W: ptglab.com

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

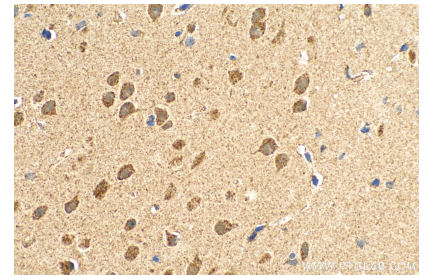
Selected Validation Data



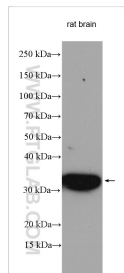
WB result of SFXN3 antibody (15156-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SFXN3 transfected HeLa cells.



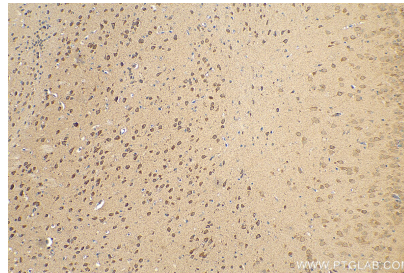
Various lysates were subjected to SDS PAGE followed by western blot with 15156-1-AP (SFXN3) antibody at dilution of 1:3000 incubated at room temperature for 1.5 hours.



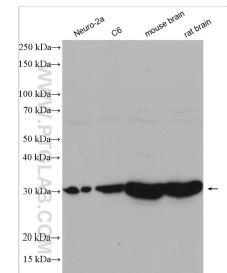
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15156-1-AP (SFXN3) antibody at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



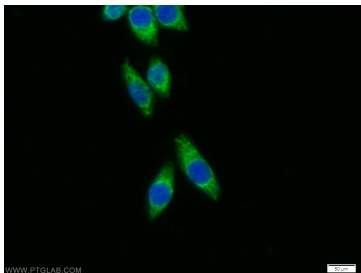
Various lysates were subjected to SDS PAGE followed by western blot with 15156-1-AP (SFXN3) antibody at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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).