

For Research Use Only

STRN Recombinant antibody

Catalog Number: 85058-4-RR



Basic Information

Catalog Number: 85058-4-RR	GenBank Accession Number: BC106879	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 6801	CloneNo.: 242532D8
Source: Rabbit	UNIPROT ID: O43815	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:200-1:800 IF-P 1:200-1:800
Isotype: IgG	Full Name: striatin, calmodulin binding protein	
Immunogen Catalog Number: AG15984	Calculated MW: 780 aa, 86 kDa	
	Observed MW: 110 kDa	

Applications

Tested Applications:

WB, IHC, IF-P, ELISA

Species Specificity:

human, mouse, rat

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 : A549 cells, HeLa cells, Jurkat cells, NIH/3T3 cells, mouse brain tissue, rat brain tissue

IHC : mouse brain tissue,

IF-P : mouse brain tissue,

Background Information

STRN (Striatin), a 780-amino acid protein, was identified and cloned more than a decade ago. In adult mammals, striatin is mainly expressed in neurons of both the central and peripheral nervous systems with very high levels of expression in the striatum, hence its name. STRN-ALK fusion may be a potential therapeutic target in the aggressive forms of thyroid cancer (PMID: 24475247).

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

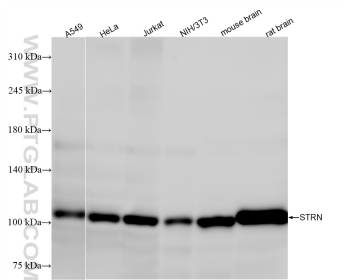
For technical support and original validation data for this product please contact:

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

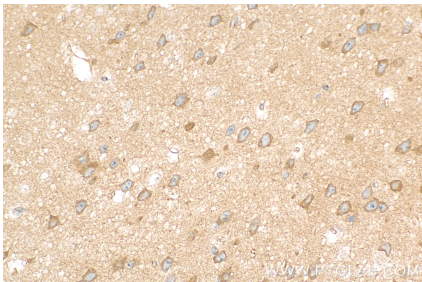
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



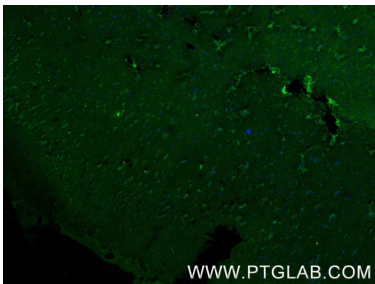
Various lysates were subjected to SDS PAGE followed by western blot with 85058-4-RR (STRN antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



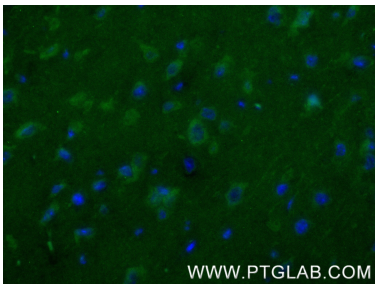
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 85058-4-RR (STRN antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



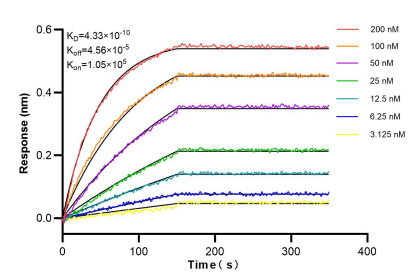
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 85058-4-RR (STRN antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using STRN antibody (85058-4-RR, Clone: 242532D8) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using STRN antibody (85058-4-RR, Clone: 242532D8) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 85058-4-RR against Human STRN were performed. The affinity constant is 0.433 nM.