

For Research Use Only

STRN Recombinant antibody, PBS Only

Catalog Number: 85058-4-PBS



Basic Information

Catalog Number:

85058-4-PBS

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15984

GenBank Accession Number:

BC106879

GeneID (NCBI):

6801

UNIPROT ID:

O43815

Full Name:

striatin, calmodulin binding protein

Calculated MW:

780 aa, 86 kDa

Observed MW:

110 kDa

Purification Method:

Protein A purification

CloneNo.:

242532D8

Applications

Tested Applications:

WB, IHC, IF-P, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C.

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

Storage Buffer:

PBS only, pH7.3

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

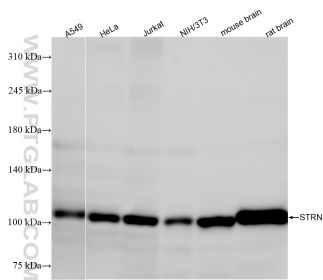
T: 4006900926

E: Proteintech-CN@ptglab.com

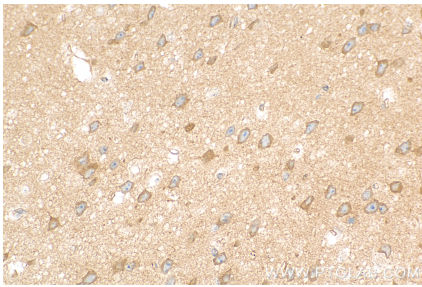
W: ptgcn.com

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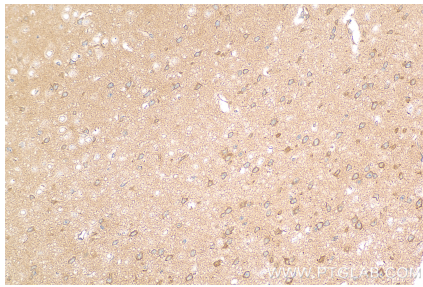
Selected Validation Data



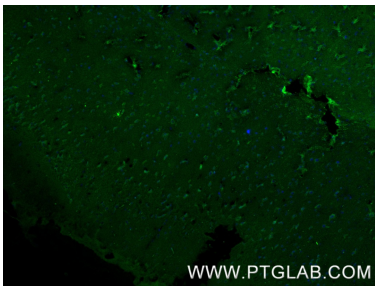
Various lysates were subjected to SDS PAGE followed by western blot with 85058-4-RR (STRN antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85058-4-PBS in a different storage buffer formulation.



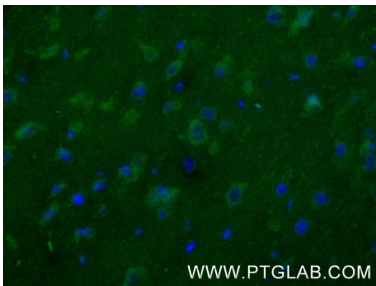
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 85058-4-RR (STRN antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85058-4-PBS in a different storage buffer formulation.



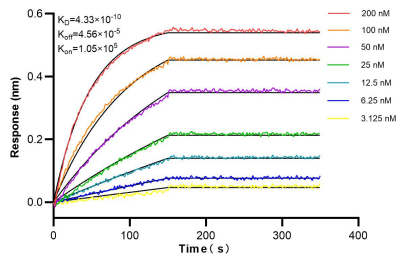
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 85058-4-RR (STRN antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85058-4-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 85058-4-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 85058-4-PBS in a different storage buffer formulation.



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