

STRN Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14229A**Specification**

STRN Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O43815
Other Accession	P70483 , O55106 , NP_003153.2
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	86132
Antigen Region	173-202

STRN Antibody (N-term) - Additional Information**Gene ID** 6801**Other Names**

Striatin, STRN

Target/Specificity

This STRN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 173-202 amino acids from the N-terminal region of human STRN.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

STRN Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

STRN Antibody (N-term) - Protein Information**Name** STRN

Function Calmodulin-binding scaffolding protein which is the center of the striatin-interacting phosphatase and kinase (STRIPAK) complexes (PubMed:[18782753](#)). STRIPAK complexes have critical roles in protein (de)phosphorylation and are regulators of multiple signaling pathways including Hippo, MAPK, nuclear receptor and cytoskeleton remodeling. Different types of STRIPAK complexes are involved in a variety of biological processes such as cell growth, differentiation, apoptosis, metabolism and immune regulation (Probable).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P70483}. Membrane {ECO:0000250|UniProtKB:P70483}; Peripheral membrane protein {ECO:0000250|UniProtKB:P70483}. Cell projection, dendritic spine {ECO:0000250|UniProtKB:P70483}. Note=CTTNBP2-binding may regulate dendritic spine distribution. {ECO:0000250|UniProtKB:P70483}

Tissue Location

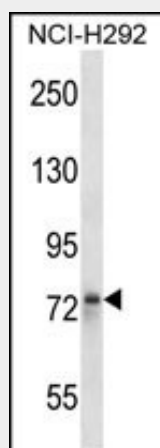
Preferentially expressed in brain.

STRN Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

STRN Antibody (N-term) - Images



STRN Antibody (N-term) (Cat. #AP14229a) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the STRN antibody detected the STRN protein (arrow).

STRN Antibody (N-term) - Background

STRN is a calmodulin-binding protein which may function as scaffolding or signaling protein and may play a role in dendritic Ca(2+) signaling.

STRN Antibody (N-term) - References

Martins-de-Souza, D., et al. Eur Arch Psychiatry Clin Neurosci 259(3):151-163(2009)
Luke, M.M., et al. Stroke 40(2):363-368(2009)
Goudreault, M., et al. Mol. Cell Proteomics 8(1):157-171(2009)
Breitman, M., et al. Biochim. Biophys. Acta 1783(10):1792-1802(2008)
Sanghamitra, M., et al. Gene 420(1):48-56(2008)