

STRN Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14229a**Specification**

STRN Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O43815](#)**STRN Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 6801**Other Names**

Striatin, STRN

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

STRN Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

STRN Antibody (N-term) Blocking Peptide - Images

STRN Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - 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) Goudreaault, 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)