

Striatin Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51542**Specification**

Striatin Antibody - Product Information

Application	WB
Primary Accession	O43815
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	110 KDa
Antigen Region	641 - 700

Striatin Antibody - Additional Information**Gene ID** 6801**Other Names**

Striatin, STRN

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Striatin. The exact sequence is proprietary.

Dilution

WB~~ 1:500

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Striatin Antibody - 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

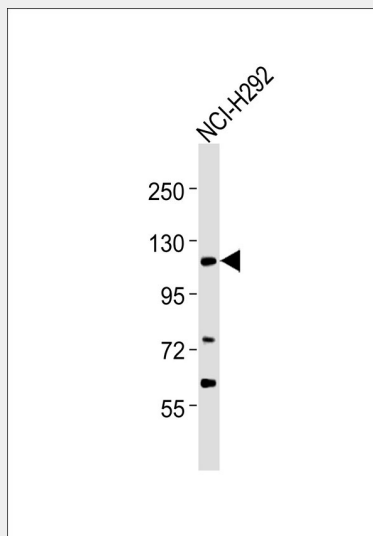
Preferentially expressed in brain.

Striatin Antibody - 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](#)

Striatin Antibody - Images



Anti-Striatin Antibody at 1:500 dilution + NCI-H292 whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 86 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

Striatin Antibody - Background

Calmodulin-binding protein which may function as scaffolding or signaling protein and may play a role in dendritic Ca²⁺ signaling.

Striatin Antibody - References

Moqrich A., et al. Genomics 51:136-139(1998).
Hillier L.W., et al. Nature 434:724-731(2005).
Dephoure N., et al. Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).

Gauci S.,et al.Anal. Chem. 81:4493-4501(2009).

Oppermann F.S.,et al.Mol. Cell. Proteomics 8:1751-1764(2009).