

Striatin Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51542

Product Information

Application	WB
Primary Accession	O43815
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	86132

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

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.

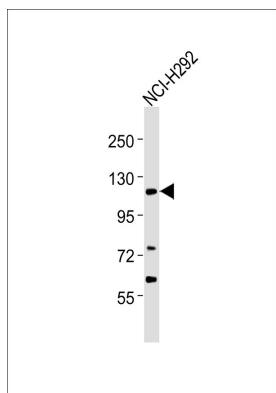
Background

Calmodulin-binding protein which may function as scaffolding or signaling protein and may play a role in dendritic Ca^{2+} signaling.

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).

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.