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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 derived from human Striatin
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.

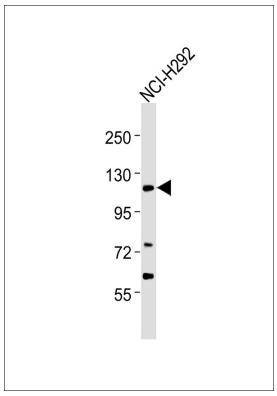
Background

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 Antibodyat 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.