

STRN Polyclonal Antibody

Catalog NumberPA1-46460

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Published species	Not Applicable
Class	Polyclonal	Tested Applications	
Type	Antibody	Immunoprecipitation (IP)	Dilution *1:10-1:500
Immunogen	Synthetic peptide made to an internal portion of the human Striatin protein (within residues 350-400). [Swiss-Prot# O43815]	Western Blot (WB)	1:500-1:5,000
		Immunocytochemistry (ICC/IF)	1:5,000
Conjugate	Unconjugated	Published Applications	
Form	Liquid	Western Blot (WB)	See 1 publications below
Concentration	Conc. Not Determined	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Storage buffer	whole serum		
Contains	0.02% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Suggested positive control: antigen standard for STRN (transient overexpression lysate). This antibody specific for Striatin. It does not cross-react with SG2NA.

Background/Target Information

Striatin is found in all mammalian cells assayed and may be involved in vesicular transport, dendrite growth, and cellular signaling. It binds Protein phosphatase 2A (PP2A) A and C subunits and calmodulin and appears to modulate PP2A activity. It also binds the human homolog of the yeast protein, Mob1, which has been implicated in mitotic progression in yeast. It is a member of a family of proteins that also includes SG2NA and Zinedin. This antibody does not cross-react with SG2NA.

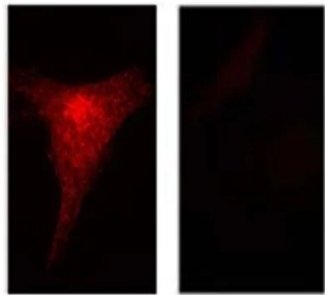
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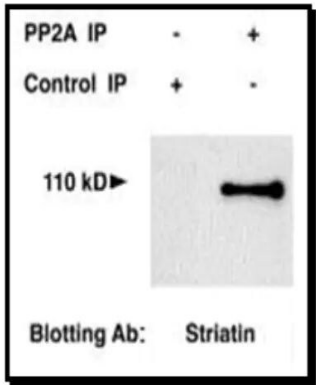
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Product Images For STRN Polyclonal Antibody



Striatin RK16
+ control peptide

STRN Antibody (PA1-46460) in ICC/IF
Immunocytochemistry analysis of STRN in NIH3T3 cells ± blocking peptide. Samples were incubated in STRN polyclonal antibody (Product # PA1-46460).



STRN Antibody (PA1-46460) in WB
Western blot analysis of STRN in PP2A immunoprecipitate. Sample was incubated in STRN polyclonal antibody (Product # PA1-46460).

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PubMed References For STRN Polyclonal Antibody

1 Western Blot References

Species / Dilution	Summary
	PA1-46460 was used in western blot to determine the function of greatwall-phosphorylated endosulfine as a substrate of PP2A-B55 heterotrimers and an inhibitor
Not Applicable / Not Cited	eLife (2014; 3:) "Greatwall-phosphorylated Endosulfine is both an inhibitor and a substrate of PP2A-B55 heterotrimers." Author(s):Williams BC,Filter JJ,Blake-Hodek KA,Wadzinski BE,Fuda NJ,Shalloway D,Goldberg ML PubMed Article URL: http://dx.doi.org/10.7554/eLife.01695

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