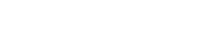
# antibodies .- online.com





Datasheet for ABIN1413264

# anti-STRN4 antibody (AA 85-190) (Cy7)



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Quantity:	100 μL	
Target:	STRN4	
Binding Specificity:	AA 85-190	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This STRN4 antibody is conjugated to Cy7	
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human Striatin 4/zinedin	
Isotype:	IgG	
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse	
Purification:	Purified by Protein A.	

# **Target Details**

Target:	STRN4
Alternative Name:	Striatin 4/zinedin (STRN4 Products)
Background:	Synonyms: Striatin-4, STRN4, STRN4_HUMAN, ZIN, Zinedin.

Background: Striatin, SG2NA, and zinedin, the three mammalian members of the striatin family, are multimodular, WD-repeat and calmodulin-binding proteins. Zinedin and SG2NA share with striatin identical protein-protein interaction domains and the same overall domain structure. All three proteins are both cytosolic and membrane-bound and bind calmodulin in the presence of calcium. Striatin is a neuronal, intracellular protein strictly expressed in the somatodendritic compartment, including spines, subsets of neurons, and is considered as a marker of neuronal polarity. Downregulation of striatin, which is expressed in a few subsets of neurons, impairs the growth of dendrites as well as rat locomotor activity. Zinedin is mainly expressed in the central nervous system, whereas SG2NA is mainly expressed in the brain and muscle.

## **Application Details**

Application Notes:	IF(IHC-P) 1:50-200		
	IF(IHC-F) 1:50-200		

IF(ICC) 1:50-200

Restrictions: For Research Use only

#### Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months