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# anti-TCTN1 antibody (AA 481-587) (Cy5)



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Quantity:	100 μL
Target:	TCTN1
Binding Specificity:	AA 481-587
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCTN1 antibody is conjugated to Cy5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human TCTN1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Cow,Sheep,Pig
Purification:	Purified by Protein A.

## **Target Details**

Target:	TCTN1
Alternative Name:	TCTN1 (TCTN1 Products)

## **Target Details**

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Background:	Synonyms: TCTN1, TECT1_HUMAN, Tectonic-1.	
	Background: Regulator of Hedgehog (Hh), required for both activation and inhibition of the Hh	
	pathway in the patterning of the neural tube. During neural tube development, it is required for	
	formation of the most ventral cell types and for full Hh pathway activation. Functions in Hh	
	signal transduction to fully activate the pathway in the presence of high Hh levels and to	
	repress the pathway in the absence of Hh signals. Modulates Hh signal transduction	
	downstream of SMO and RAB23.	
Pathways:	Tube Formation	
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	