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anti-RAPGEF4 antibody (AA 151-250) (Cy5)



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Quantity:	100 μL
Target:	RAPGEF4
Binding Specificity:	AA 151-250
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAPGEF4 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 Epac2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	RAPGEF4
Alternative Name:	Epac2 (RAPGEF4 Products)

Target Details

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Background:	Synonyms: 2, EPAC, CGEF2, EPAC2, EPAC 2, Nbla00496, CAMP-GEFII, Rap guanine nucleotide	
	exchange factor 4, Exchange factor directly activated by cAMP 2, Exchange protein directly	
	activated by cAMP 2, cAMP-regulated guanine nucleotide exchange factor II, RAPGEF4	
	Background: Guanine nucleotide exchange factor (GEF) for RAP1A, RAP1B and RAP2A small	
	GTPases that is activated by binding cAMP. Seems not to activate RAB3A. Involved in cAMP-	
	dependent, PKA-independent exocytosis through interaction with RIMS2 (By similarity).	
Gene ID:	11069	
UniProt:	Q8WZA2	
Pathways:	Hormone Transport, Smooth Muscle Cell Migration	
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	