

[Go to Product page](#)

Datasheet for ABIN2812827

**anti-RAPGEF4 antibody (AA 151-250) (Alexa Fluor 594)**

## Overview

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 Alexa Fluor 594
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 ( <a href="#">RAPGEF4 Products</a> )

## Target Details

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:	<a href="#">Q8WZA2</a>
Pathways:	<a href="#">Hormone Transport</a> , <a href="#">Smooth Muscle Cell Migration</a>

## 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