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Datasheet for ABIN1694936

anti-RAPGEF6 antibody (AA 601-700) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	RAPGEF6
Binding Specificity:	AA 601-700
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAPGEF6 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RAGEF2
Isotype:	IgG
Predicted Reactivity:	Human,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	RAPGEF6
Alternative Name:	Ragef2 (RAPGEF6 Products)
Background:	Synonyms: DKFZp667N084, DKFZp686I15116, KIA001LB, PDZ domain containing guanine

Target Details

nucleotide exchange factor GEF 2, PDZ domain containing guanine nucleotide exchange factor 2, PDZ domain containing guanine nucleotide exchange factor I, PDZ domain-containing guanine nucleotide exchange factor 2, PDZ GEF 2, PDZ GEF2, PDZ-GEF2, PDZGEF 2, PDZGEF2, RA GEF 2, RA GEF2, RA-GEF-2, RAGEF 2, Rap guanine nucleotide exchange factor GEF 6, Rap guanine nucleotide exchange factor 2, Rap guanine nucleotide exchange factor 6, RAPGEF6, RPF6_HUMAN.

Background: RAPGEF6 is a guanine nucleotide exchange factor (GEF) that is expressed in a variety of tissues. Localizing to the cytoplasm and translocated to the plasma membrane upon ligand binding, RAPGEF6 contains an N-terminal Ras-GEF domain, a cyclic nucleotide monophosphate-binding domain, a PDZ (PSD-95/DlgA/ZO-1) domain, a Ras-associating (RA) domain and a Ras exchanger motif. RAPGEF6 is closely related to RAPGEF2 and both proteins exhibit GEF activity specific towards Rap 1 and Rap 2. In addition, RAPGEF6 is capable of binding to M-Ras via its RA domain. Due to alternative splicing events, two additional isoforms exist for RAPGEF6, namely PDZ-GEF2A and PDZ-GEF2B.

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