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Datasheet for ABIN1387913

anti-ARHGEF25/GEFT antibody (AA 251-340)

Overview

Quantity:	100 µL
Target:	ARHGEF25/GEFT (ARHGEF25)
Binding Specificity:	AA 251-340
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGEF25/GEFT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

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

Target Details

Target:	ARHGEF25/GEFT (ARHGEF25)
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Target Details

Alternative Name: GEFT ([ARHGEF25 Products](#))

Background: Synonyms: ARHGEF25, ARHGP_HUMAN, GEFT, p63RhoGEF, Guanine nucleotide exchange factor GEFT, p63RhoGEF , RAC/CDC42 exchange factor, Rac/Cdc42/Rho exchange factor GEFT, Rho guanine nucleotide exchange factor 25, RhoA/RAC/CDC42 exchange factor, RhoA/Rac/Cdc42 guanine nucleotide exchange factor GEFT.

Background: GEFT is a 580 amino acid cytoplasmic protein that is highly expressed in excitable tissues such as brain, heart and muscle, and weakly expressed in small intestine, colon, liver, placenta and lung. GEFT may play a role in actin cytoskeleton reorganization in different tissues since its activation induces formation of actin stress fibers. GEFT works as a guanine nucleotide exchange factor for the Rho family of small GTPases and links specifically to G alpha q/11-coupled receptors in Rho A activation. GEFT is an important regulator of processes involved in axon and dendrite formation. Involved in skeletal myogenesis, GEFT seems to be an exchange factor primarily for Rac 1 in neurons. Existing as two alternatively spliced variants, GEFT contains a DH (DBL-homology) domain and a PH domain.

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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.

Handling

Storage:	4 °C,-20 °C
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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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Expiry Date:	12 months
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