Datasheet for ABIN1712470

anti-ARHGEF11 antibody (AA 451-550) (HRP)

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Overview

Quantity:	100 µL
Target:	ARHGEF11
Binding Specificity:	AA 451-550
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGEF11 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PDZ RHOGEF/GTRAP48
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ARHGEF11
Alternative Name:	PDZ RHOGEF/GTRAP48 (ARHGEF11 Products)

Target Details

Background:	Synonyms: PDZ-RhoGEF, ARHGB_HUMAN, ARHGEF 11, ARHGEF11, DKFZp667F1223, Glutamate transporter EAAT4 associated protein 48, GTRAP 48, GTRAP48, PDZ RhoGEF, Rho guanine exchange factor GEF 11, Rho guanine nucleotide exchange factor GEF 11, Rho guanine nucleotide exchange factor 11, RhoA specic guanine nucleotide exchange factor, RhoGEF glutamate transport modulator. Background: Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. A similar protein in rat interacts with glutamate transporter EAAT4 and modulates its glutamate transport activity. Expression of the rat protein induces the reorganization of the actin cytoskeleton and its overexpression induces the formation of membrane ruffling and filopodia. Two alternative transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008].
Pathways:	Neurotrophin Signaling Pathway, Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months