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Datasheet for ABIN7167989

anti-ARHGEF5 antibody (AA 433-507) (HRP)

Overview

Quantity:	100 µg
Target:	ARHGEF5
Binding Specificity:	AA 433-507
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGEF5 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Rho guanine nucleotide exchange factor 5 protein (433-507AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ARHGEF5
Alternative Name:	ARHGEF5 (ARHGEF5 Products)
Background:	Background: Guanine nucleotide exchange factor which activates Rho GTPases (PubMed:15601624). Strongly activates RHOA (PubMed:15601624). Also strongly activates

Target Details

RHOB, weakly activates RHOC and RHOG and shows no effect on RHOD, RHOV, RHOQ or RAC1 (By similarity). Involved in regulation of cell shape and actin cytoskeletal organization (PubMed:15601624). Plays a role in actin organization by generating a loss of actin stress fibers and the formation of membrane ruffles and filopodia (PubMed:14662653). Required for SRC-induced podosome formation (By similarity). Involved in positive regulation of immature dendritic cell migration (By similarity).

Aliases: ARHG5_HUMAN antibody, ARHGEF 5 antibody, ARHGEF5 antibody, DKFZp686N1969 antibody, ephexin 3 antibody, Ephexin-3 antibody, GEF 5 antibody, GEF5 antibody, Guanine nucleotide regulatory protein TIM antibody, Oncogene TIM antibody, P60 antibody, p60 TIM antibody, Rho guanine nucleotide exchange factor (GEF) 5 antibody, Rho guanine nucleotide exchange factor 5 antibody, TIM 1 antibody, TIM antibody, TIM1 antibody, Transforming immortalized mammary oncogene antibody

UniProt: [Q12774](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.