antibodies

Datasheet for ABIN7147284 anti-CDC42 antibody (AA 2-188) (HRP)



Overview

Quantity:	100 µg
Target:	CDC42
Binding Specificity:	AA 2-188
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC42 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Cell division control protein 42 homolog protein (2-188AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CDC42
Alternative Name:	CDC42 (CDC42 Products)
Background:	Background: Plasma membrane-associated small GTPase which cycles between an active
	GTP-bound and an inactive GDP-bound state. In active state binds to a variety of effector

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	proteins to regulate cellular responses. Involved in epithelial cell polarization processes.
	Regulates the bipolar attachment of spindle microtubules to kinetochores before chromosome
	congression in metaphase. Plays a role in the extension and maintenance of the formation of
	thin, actin-rich surface projections called filopodia. Mediates CDC42-dependent cell migration.
	Aliases: CDC42 antibody, CDC42_HUMAN antibody, CDC42Hs antibody, Cell division control
	protein 42 homolog antibody, Cell division cycle 42 (GTP binding protein 25 kDa) antibody, Cell
	division cycle 42 antibody, dJ224A6.1.1 (cell division cycle 42 (GTP-binding protein, 25kD))
	antibody, dJ224A6.1.2 (cell division cycle 42 (GTP-binding protein, 25kD)) antibody, G25K
	antibody, G25K GTP-binding protein antibody, Growth regulating protein antibody, GTP binding
	protein 25 kDa antibody, Small GTP binding protein CDC42 antibody, TKS antibody
UniProt:	protein 25 kDa antibody, Small GTP binding protein CDC42 antibody, TKS antibody P60953
UniProt: Pathways:	
	P60953
	P60953 MAPK Signaling, Microtubule Dynamics, RTK Signaling, WNT Signaling, TCR Signaling, EGFR
	P60953 MAPK Signaling, Microtubule Dynamics, RTK Signaling, WNT Signaling, TCR Signaling, EGFR Signaling Pathway, Regulation of Actin Filament Polymerization, Regulation of Muscle Cell
	P60953 MAPK Signaling, Microtubule Dynamics, RTK Signaling, WNT Signaling, TCR Signaling, EGFR Signaling Pathway, Regulation of Actin Filament Polymerization, Regulation of Muscle Cell Differentiation, Cell-Cell Junction Organization, Maintenance of Protein Location, Skeletal

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.