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Datasheet for ABIN7169073

anti-CDC42BPB antibody (AA 1609-1711) (Biotin)

Overview

Quantity:	100 µg
Target:	CDC42BPB
Binding Specificity:	AA 1609-1711
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC42BPB antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Serine/threonine-protein kinase MRCK beta protein (1609-1711AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CDC42BPB
Alternative Name:	CDC42BPB (CDC42BPB Products)
Background:	Background: Serine/threonine-protein kinase which is an important downstream effector of CDC42 and plays a role in the regulation of cytoskeleton reorganization and cell migration.

Target Details

Regulates actin cytoskeletal reorganization via phosphorylation of PPP1R12C and MYL9/MLC2. In concert with MYO18A and LURAP1, is involved in modulating lamellar actomyosin retrograde flow that is crucial to cell protrusion and migration. Phosphorylates PPP1R12A.

Aliases: CDC42 binding protein kinase beta antibody, CDC42-binding protein kinase beta antibody, CDC42BPB antibody, DMPK like beta antibody, DMPK-like beta antibody, KIAA1124 antibody, MRCK beta antibody, MRCKB_HUMAN antibody, Myotonic dystrophy kinase related CDC42 binding kinase beta antibody, Myotonic dystrophy kinase-related CDC42-binding kinase beta antibody, Myotonic dystrophy protein kinase like beta antibody, Myotonic dystrophy protein kinase-like beta antibody, Serine/threonine protein kinase MRCK beta antibody, Serine/threonine-protein kinase MRCK beta antibody

UniProt: [Q9Y5S2](#)

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.