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# Datasheet for ABIN2785099 anti-CDC42EP5 antibody (Middle Region)





Overview

Quantity:	100 µL
Target:	CDC42EP5
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Cow, Dog, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC42EP5 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CDC42EP5
Sequence:	HVGRGGDAFG DTSFLSRHGG GPPPEPRAPP AGAPRSPPPP AVPQSAAPSP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Human: 100%, Mouse: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against CDC42EP5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	CDC42EP5
Alternative Name:	CDC42EP5 (CDC42EP5 Products)

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## Target Details

Background:	CDC42, a small Rho GTPase, regulates the formation of F-actin-containing structures through
	its interaction with the downstream effector proteins. The protein encoded by this gene is a
	member of the Borg family of CDC42 effector proteins. Borg family proteins contain a CRIB
	(Cdc42/Rac interactive-binding) domain. They bind to, and negatively regulate the function of,
	CDC42. The specific function of this protein has not yet been determined.CDC42, a small Rho
	GTPase, regulates the formation of F-actin-containing structures through its interaction with
	the downstream effector proteins. The protein encoded by this gene is a member of the Borg
	family of CDC42 effector proteins. Borg family proteins contain a CRIB (Cdc42/Rac interactive-
	binding) domain. They bind to, and negatively regulate the function of, CDC42. The specific
	function of this protein has not yet been determined.
	Alias Symbols: Borg3, CEP5, MGC21945, MGC71153
	Protein Interaction Partner: SEPT7, CDC42, Sept6, Sept2,
	Protein Size: 148
Molecular Weight:	15 kDa
Gene ID:	148170
NCBI Accession:	NM_145057, NP_659494
UniProt:	Q6NZY7
Pathways:	Regulation of Actin Filament Polymerization

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 148 AA
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

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#### Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Images

