



Anti-CDC42BPA polyclonal antibody (CABT-BL1015)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide, corresponding to a region between residues 1610 and 1660 of Human CDC42 binding protein kinase alpha (CAH71185.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IP
Cellular Localization	Cytoplasm. Displays a dispersed punctate distribution and concentrates along the cell periphery, especially at the leading edge and cell-cell junction. This concentration is PH-domain dependent.
Format	Liquid
Size	100 µl
Buffer	Tris citrate/phosphate, pH 7-8
Preservative	0.09% Sodium Azide
Storage	Store at +4°C.

BACKGROUND

Introduction

The protein encoded by this gene is a member of the Serine/Threonine protein kinase family. This kinase contains multiple functional domains. Its kinase domain is highly similar to that of the myotonic dystrophy protein kinase (DMPK). This kinase also contains a Rac interactive binding (CRIB) domain, and has been shown to bind CDC42. It may function as a CDC42 downstream effector mediating CDC42 induced peripheral actin formation, and promoting cytoskeletal reorganization. Multiple alternatively spliced transcript variants have been described, and the full-length nature of two of them has been reported. [provided by RefSeq, Jul 2008]

GENE INFORMATION

Entrez Gene ID	8476
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Protein Refseq	NP_003598
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UniProt ID	Q5VT25
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