



# Anti-CDC42BPA polyclonal antibody (CABT-BL1016)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant fragment, corresponding to a region within amino acids 373-574 of Human CDC42 binding protein kinase alpha isoform 3.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P
<b>Cellular Localization</b>	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.
<b>Format</b>	Liquid
<b>Size</b>	50 µl
<b>Buffer</b>	40% Glycerol, 1 x PBS, pH 7.0
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

# 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]
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# GENE INFORMATION

Entrez Gene ID	<a href="#">8476</a>
Protein Refseq	<a href="#">NP_003598</a>
UniProt ID	<a href="#">Q5VT25</a>