

## Cdc42EP2 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP01592
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human BORG1. AA range:10-59
<b>Mol wt</b>	22484
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Cdc42EP2 Antibody
<b>Synonyms</b>	CDC42EP2; BORG1; CEP2; Cdc42 effector protein 2; Binder of Rho GTPases 1

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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. Coexpression of this protein with CDC42 suggested a role of this protein in actin filament assembly and cell shape control.

### Recommended Dilution

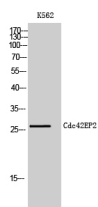
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

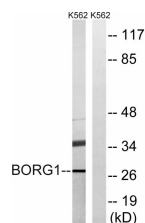
ELISA: 1: 40000

Not yet tested in other applications.

### Images



Western Blot analysis of K562 cells using Cdc42EP2 Polyclonal Antibody



Western blot analysis of lysates from K562 cells, using BORG1 Antibody. The lane on the right is blocked with the synthesized peptide.

## Storage

-20°C for one year

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