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Datasheet for ABIN7184421  
**anti-CDC42EP5 antibody (N-Term)**

1 Image

### Overview

Quantity:	100 µL
Target:	CDC42EP5
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC42EP5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	Synthesized peptide derived from N-terminal of Human BORG3.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Target Details

Target:	CDC42EP5
Alternative Name:	CDC42EP5 ( <a href="#">CDC42EP5 Products</a> )
Background:	Background: Probably involved in the organization of the actin cytoskeleton. May act

## Target Details

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downstream of CDC42 to induce actin filament assembly leading to cell shape changes.  
Induces pseudopodia formation in fibroblasts. Inhibits MAPK8 independently of CDC42 binding.  
Controls septin organization and this effect is negatively regulated by CDC42 By similarity.

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Aliases: CDC42EP5 antibody, BORG3 antibody, CEP5 antibody, Cdc42 effector protein 5 antibody, Binder of Rho GTPases 3 antibody

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UniProt: [Q6NZY7](#)

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Pathways: [Regulation of Actin Filament Polymerization](#)

## Application Details

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Application Notes: WB:1:500-1:3000,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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Preservative: Sodium azide

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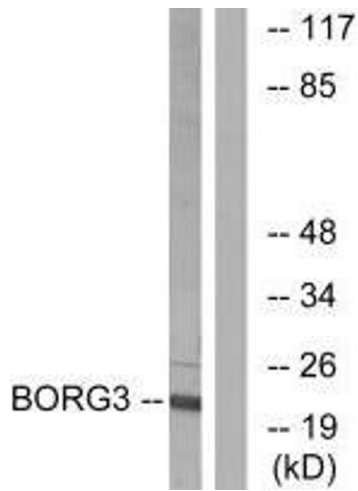
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Western Blotting

**Image 1.** Western blot analysis of extracts from Jurkat cells, using BORG3 antibody.