

**CDC42EP3 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8775a****Specification**

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**CDC42EP3 Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [O9UKI2](#)  
Other Accession [NP\\_006440](#)

**CDC42EP3 Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 10602

**Other Names**

Cdc42 effector protein 3, Binder of Rho GTPases 2, MSE55-related Cdc42-binding protein, CDC42EP3, BORG2, CEP3

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8775a](/products/AP8775a) was selected from the N-term region of human CDC42EP3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CDC42EP3 Antibody (N-term) Blocking Peptide - Protein Information**

**Name** CDC42EP3

**Synonyms** BORG2, CEP3

**Function**

Probably involved in the organization of the actin cytoskeleton. May act downstream of CDC42 to induce actin filament assembly leading to cell shape changes. Induces pseudopodia formation in fibroblasts.

**Cellular Location**

Endomembrane system; Peripheral membrane protein. Cytoplasm, cytoskeleton

**Tissue Location**

Highly expressed in the heart and weakly in the brain.

### **CDC42EP3 Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **CDC42EP3 Antibody (N-term) Blocking Peptide - Images**

### **CDC42EP3 Antibody (N-term) Blocking Peptide - Background**

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### **CDC42EP3 Antibody (N-term) Blocking Peptide - References**

Simpson,J.C., et.al., EMBO Rep. 1 (3), 287-292 (2000)