

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

**Specification**

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

Primary Accession  
Other Accession

[Q9UKI2](#)  
[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 <a href=/products/AP8775a>AP8775a</a> 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**

CDC42EP3 is probably involved in the organization of the actin cytoskeleton. May act downstream of CDC42 to induce actin filament assembly leading to cell shape changes. It induces pseudopodia formation in fibroblasts.

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

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