

CDC42EP1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19010b**Specification**

CDC42EP1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q00587
Other Accession	NP_689449.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	40295
Antigen Region	315-343

CDC42EP1 Antibody (C-term) - Additional Information**Gene ID** 11135**Other Names**

Cdc42 effector protein 1, Binder of Rho GTPases 5, Serum protein MSE55, CDC42EP1, BORG5, CEP1, MSE55

Target/Specificity

This CDC42EP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 315-343 amino acids from the C-terminal region of human CDC42EP1.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CDC42EP1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CDC42EP1 Antibody (C-term) - Protein Information**Name** CDC42EP1**Synonyms** BORG5, CEP1, MSE55

Function Probably involved in the organization of the actin cytoskeleton. Induced membrane extensions in fibroblasts.

Cellular Location

Endomembrane system; Peripheral membrane protein. Cytoplasm, cytoskeleton

Tissue Location

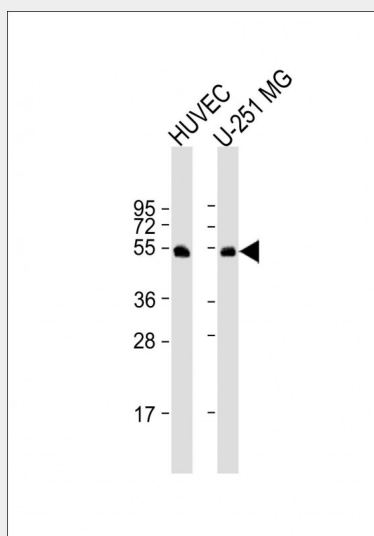
Endothelial and bone marrow stromal cells.

CDC42EP1 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CDC42EP1 Antibody (C-term) - Images



All lanes : Anti-CDC42EP1 Antibody (C-term) at 1:1000 dilution Lane 1: HUVEC whole cell lysate Lane 2: U-251 MG whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 40 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

CDC42EP1 Antibody (C-term) - Background

CDC42 is a member of the Rho GTPase family that regulates multiple cellular activities, including actin polymerization. The protein encoded by this gene is a CDC42 binding protein that mediates actin cytoskeleton reorganization at the plasma membrane. This protein is secreted and is primarily found in bone marrow.

CDC42EP1 Antibody (C-term) - References

Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
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Zhang, J., et al. Mol. Biol. Cell 16(2):824-834(2005)
Ballif, B.A., et al. Mol. Cell Proteomics 3(11):1093-1101(2004)