

Rabbit anti-Human CDC42EP1 Monoclonal Antibody | anti-CDC42EP1 antibody

CDC42EP1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282804	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

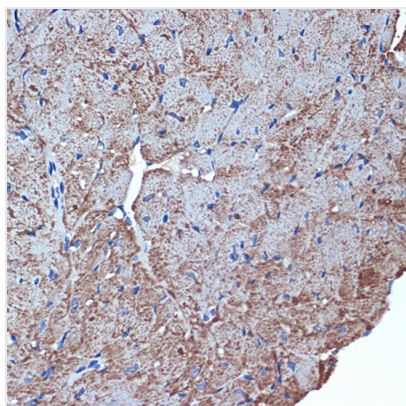
PRODUCT SYNONYMS

CDC42EP1; Monoclonal Antibody; CDC42EP1 Rabbit mAb; CEP1; BORG5; MSE55; anti-CDC42EP1 antibody

PRODUCT SPECIFICATIONS

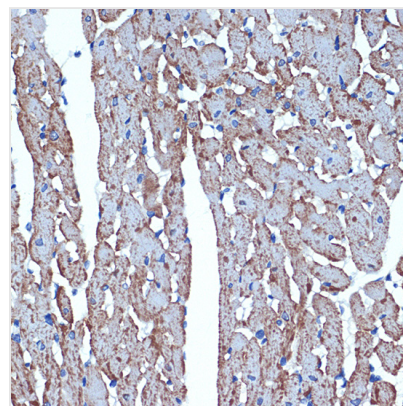
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	AGLGPVAEVK SSPVGGGPRG PAGPALGRHW GAGWDGGHHY PEMDARQERV EVLPQARASW ESLDEEWRAP QAGSRTPVPS TVQANTFEFA DAEEDDEVKV
Applicable Applications for anti-CDC42EP1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 292-391 of human CDC42EP1 (Q00587).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



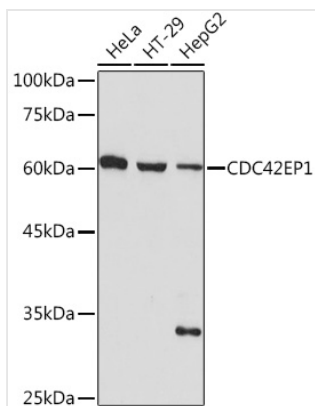
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse heart using CDC42EP1 Rabbit mAb (AAA282804) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat heart using CDC42EP1 Rabbit mAb (AAA282804) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using CDC42EP1 Rabbit mAb (AAA282804) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-CDC42EP1 antibody	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.
Product Categories/Family for anti-CDC42EP1 antibody	Signal Transduction ; Cell Biology Developmental Biology ; Cytoskeleton ; Microfilaments ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	23238226
NCBI GeneID	11135
NCBI Accession #	NP_689449.1
NCBI GenBank Nucleotide #	NM_152243.2
UniProt Accession #	Q00587 ; Q96GN1 ; A8K825
Molecular Weight	Calculated MW: 40kDa Observed MW: 60kDa
UniProt Protein Name	Cdc42 effector protein 1
UniProt Gene Name	CDC42EP1
UniProt Synonym Gene Names	BORG5; CEP1; MSE55
UniProt Entry Name	BORG5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cdc42ep1-antibody-immunohistochemistry-western-blot-elisa/282804>