

Rabbit anti-Human, mouse CDC42EP2 Polyclonal Antibody | anti-CDC42EP2 antibody

CDC42EP2 Antibody (C-term)

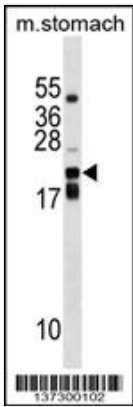
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284365	Rabbit	Human, mouse	ELISA, Western Blot

PRODUCT SYNONYMS

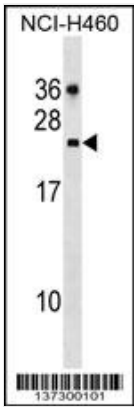
CDC42EP2; Polyclonal Antibody; CDC42EP2 Antibody (C-term); Cdc42 effector protein 2; Binder of Rho GTPases 1; BORG1; CEP2; anti-CDC42EP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDC42EP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 133-160 amino acids from the C-terminal region of human CDC42EP2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.3 (varies by lot)
Sequence Positions	133-160
Sequence Length	210
Applicable Applications for anti-CDC42EP2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
CDC42EP2 Antibody (C-term) western blot analysis in mouse stomach tissue lysates (35ug/lane).This demonstrates the CDC42EP2 antibody detected the CDC42EP2 protein (arrow).



WB (Western Blot)
CDC42EP2 Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the CDC42EP2 antibody detected the CDC42EP2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CDC42EP2 antibody	CDC42, a small Rho GTPase, regulates the formation of F-actin-containing structures through its interaction with the downstream effector proteins. The protein encoded by this gene is a member of the Borg family of CDC42 effector proteins. Borg family proteins contain a CRIB (Cdc42/Rac interactive-binding) domain. They bind to, and negatively regulate the function of, CDC42. Coexpression of this protein with dominant negative mutant CDC42 protein in fibroblast was found to induce pseudopodia formation, which suggested a role of this protein in actin filament assembly and cell shape control.
Product Categories/Family for anti-CDC42EP2 antibody	Signal Transduction
References	Xue, Y., et al. Int. J. Cancer 118(12):2965-2972(2006) Joberty, G., et al. Nat. Cell Biol. 3(10):861-866(2001) Hirsch, D.S., et al. J. Biol. Chem. 276(2):875-883(2001) Joberty, G., et al. Mol. Cell. Biol. 19(10):6585-6597(1999) Burbelo, P.D., et al. Proc. Natl. Acad. Sci. U.S.A. 96(16):9083-9088(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5802998
NCBI GeneID	10435
NCBI Accession #	NP_006770.1
NCBI GenBank Nucleotide #	NM_006779.3
UniProt Accession #	O14613; Q9UNSO; B2RD85
Molecular Weight	22484
NCBI Official Full Name	cdc42 effector protein 2
NCBI Official Synonym Full Names	CDC42 effector protein (Rho GTPase binding) 2
NCBI Official Symbol	CDC42EP2
NCBI Official Synonym Symbols	CEP2; BORG1

NCBI Protein Information	cdc42 effector protein 2
UniProt Protein Name	Cdc42 effector protein 2
UniProt Gene Name	CDC42EP2
UniProt Synonym Gene Names	BORG1; CEP2
UniProt Entry Name	BORG1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdc42ep2-antibody-western-blot-elisa/284365>