

Datasheet

CDC42EP3 polyclonal antibody (A01)

Catalog Number: H00010602-A01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a partial recombinant CDC42EP3.

Immunogen: CDC42EP3 (NP_006440, 42 a.a. ~ 108 a.a) partial recombinant protein with GST tag.

Sequence:

IHIGKEGQHDVFGDISFLQGNLYELLPGNQEKALHGQFP
GHNEFFRANSTSDSVFTETPSPVLKNAIS

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Ce, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 10602

Gene Symbol: CDC42EP3

Gene Alias: BORG2, CEP3, FLJ46903, UB1

Gene Summary: 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. This protein can interact with CDC42, as well as with the ras homolog gene family, member Q (ARHQ/TC10). Expression of

this protein in fibroblasts has been shown to induce pseudopodia formation. [provided by RefSeq]

References:

1. Protein array analysis of oligomerization-induced changes in alpha-synuclein protein-protein interactions points to an interference with CDC42 effector proteins. Schnack C, Danzer KM, Hengerer B, Gillardon F. Neuroscience. 2008 Jul 17;154(4):1450-7. Epub 2008 Feb 29.