

CDC42EP4 rabbit monoclonal antibody

Catalog # H00023580-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CDC42EP4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CDC42EP4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CDC42EP4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CDC42EP4

Entrez GeneID [23580](#)

GeneBank Accession# [CDC42EP4](#)

Gene Name CDC42EP4

Gene Alias BORG4, CEP4, KAIA1777, MGC17125, MGC3740

Gene Description CDC42 effector protein (Rho GTPase binding) 4

Omim ID [605468](#)

Gene Ontology [Hyperlink](#)

Gene Summary The product of this gene is a member of the CDC42-binding protein family. Members of this family interact with Rho family GTPases and regulate the organization of the actin cytoskeleton. This protein has been shown to bind both CDC42 and TC10 GTPases in a GTP-dependent manner. When overexpressed in fibroblasts, this protein was able to induce pseudopodia formation, which suggested a role in inducing actin filament assembly and cell shape control. [provided by RefSeq]

Other Designations Cdc42 effector protein 4|binder of Rho GTPases 4