

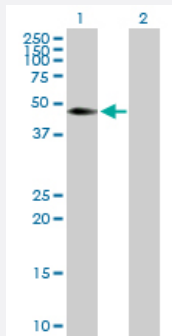
MaxPab®

# CDC42EP4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00023580-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of CDC42EP4 expression in transfected 293T cell line ([H00023580-T01](#)) by CDC42EP4 MaxPab polyclonal antibody.

Lane 1: CDC42EP4 transfected lysate(39.16 KDa).

Lane 2: Non-transfected lysate.

## Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CDC42EP4 protein.
Immunogen	CDC42EP4 (NP_036253.2, 1 a.a. ~ 356 a.a) full-length human protein.
Sequence	MPILKQLVSSSVHSKRRSRADLTAEMISAPLGDFRHTMHVGRAGDAFGDTSFLNSKAGEPDGES LDEQPSSSSSKRSLLSRKFRGSKRSQSVTRGEREQRDMLGSLRDSALFVKNAMSLPQLNEKEA AEKGTSLPKSLSSSPVKKANDGEGGDEEAGTEEA VPRRNGAAGPHSPDLLDEQAFGDLTDL PVVPKATYGLKHAESIMSFHIDLGPSMLGDVLSIMDKKEEWDPEEGEGGYHGDEGAAGTITQAPPY AVAAPPLARQEGKAGPDLPSLPSHALEDEGWAAAAPSPGSARSMGSHHTRDSSSLSSCTSGIL EERSPAFRGPDRARAAVSRQPDKEFSFMDEEEDEIRV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (77)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

## Storage Instruction

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

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[Protocol Download](#)

## Gene Info — CDC42EP4

Entrez GeneID [23580](#)

GeneBank Accession# [NM\\_012121.4](#)

Protein Accession# [NP\\_036253.2](#)

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