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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54839_P050-Biotin
Product Page	www.avivasysbio.com/cdc42ep4-antibody-n-terminal-region-biotin-arp54839-p050-biotin.html
Name	CDC42EP4 Antibody - N-terminal region : Biotin (ARP54839_P050-Biotin)
Protein Size (# AA)	356 amino acids
Molecular Weight	38kDa
Conjugation	Biotin
NCBI Gene Id	23580
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	CDC42 effector protein (Rho GTPase binding) 4
Alias Symbols	CEP4, BORG4, KAIA1777
Peptide Sequence	Synthetic peptide located within the following region: SSSKRSLLSRKFRGSKRSQSVTTRGEREQDMLGSLRDSALFVKNAMSLPQ
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Olsen,J.V., (2006) Cell 127 (3), 635-648
Description of Target	CDC42EP4 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. The protein has been shown to bind both CDC42 and TC10 GTPases in a GTP-dependent manner. When overexpressed in fibroblasts, the protein was able to induce pseudopodia formation, which suggested a role in inducing actin filament assembly and cell shape control. 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.
Protein Interactions	FAM9B; SRPK2; UBC; VCP; APP; LNX1; ELAVL1; CDC42; POLR3H; WDR6; RHOQ; TGFBR1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-CDC42EP4 (ARP54839_P050-Biotin) antibody
Blocking Peptide	For anti-CDC42EP4 (ARP54839_P050-Biotin) antibody is Catalog# AAP54839 (Previous Catalog # AAPP31643)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CDC42EP4
Uniprot ID	Q9H3Q1
Protein Name	Cdc42 effector protein 4
Sample Type Confirmation	CDC42EP4 is strongly supported by BioGPS gene expression data to be expressed in HeLa There is BioGPS gene expression data showing that CDC42EP4 is expressed in 721_B
Protein Accession #	NP_036253
Purification	Affinity Purified
Nucleotide Accession #	NM_012121

Gene Symbol	CDC42EP4
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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