



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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<b>Product Number</b>	ARP54839_P050-HRP
<b>Product Page</b>	<a href="http://www.avivasysbio.com/cdc42ep4-antibody-n-terminal-region-hrp-arp54839-p050-hrp.html">www.avivasysbio.com/cdc42ep4-antibody-n-terminal-region-hrp-arp54839-p050-hrp.html</a>
<b>Name</b>	CDC42EP4 Antibody - N-terminal region : HRP (ARP54839_P050-HRP)
<b>Protein Size (# AA)</b>	356 amino acids
<b>Molecular Weight</b>	38kDa
<b>Conjugation</b>	HRP: Horseradish Peroxidase
<b>NCBI Gene Id</b>	23580
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	CDC42 effector protein (Rho GTPase binding) 4
<b>Alias Symbols</b>	CEP4, BORG4, KAIA1777
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">SSSKRSLLSRKFRGSKRSQSVRTGEREQRDMLGSLRDSALFVKNAMSLPQ</a>
<b>Product Format</b>	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
<b>Reference</b>	Olsen,J.V., (2006) Cell 127 (3), 635-648
<b>Description of Target</b>	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.
<b>Protein Interactions</b>	FAM9B; SRPK2; UBC; VCP; APP; LNX1; ELAVL1; CDC42; POLR3H; WDR6; RHOQ; TGFBR1;
<b>Reconstitution and Storage</b>	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.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-CDC42EP4 (ARP54839_P050-HRP) antibody</a>
<b>Blocking Peptide</b>	For anti-CDC42EP4 (ARP54839_P050-HRP) antibody is <a href="#">Catalog # AAP54839</a> (Previous Catalog # AAPP31643)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the N terminal region of human CDC42EP4
<b>Uniprot ID</b>	<a href="#">Q9H3Q1</a>
<b>Protein Name</b>	Cdc42 effector protein 4
<b>Sample Type Confirmation</b>	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
<b>Protein Accession #</b>	<a href="#">NP_036253</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_012121</a>
<b>Gene Symbol</b>	<a href="#">CDC42EP4</a>

<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
<b>Image 1</b>	

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Optimal conditions of its use should be determined by end users.

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