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Produktinformation



Forschungsprodukte & Biochemikalien



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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	ARP55131_P050-Biotin
Product Page	www.avivasysbio.com/daam1-antibody-middle-region-biotin-arp55131-p050-biotin.html
Name	DAAM1 Antibody - middle region : Biotin (ARP55131_P050-Biotin)
Protein Size (# AA)	1078 amino acids
Molecular Weight	123kDa
Conjugation	Biotin
NCBI Gene Id	23002
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Dishevelled associated activator of morphogenesis 1
Alias Symbols	FLJ41657, KIAA0666
Peptide Sequence	Synthetic peptide located within the following region: GNTVQYWLLLDRIIQIIVIQNDKGQDPDSTPLENFNIKNVVRMLVNENEV
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Higashi, T., (2008) J. Biol. Chem. 283 (13), 8746-8755
Description of Target	Functions of the cell cortex, including motility, adhesion, and cytokinesis, are mediated by the reorganization of the actin cytoskeleton and recent evidence suggests a role for the Formin homology (FH) proteins in these processes. The protein encoded by this gene contains FH domains and belongs to a novel FH protein subfamily implicated in cell polarity. Wnt/Fz signaling activates the small GTPase Rho, a key regulator of cytoskeleton architecture, to control cell polarity and movement during development. Activation requires Dvl-Rho complex formation, an assembly mediated by this gene product, which is thought to function as a scaffolding protein. Functions of the cell cortex, including motility, adhesion, and cytokinesis, are mediated by the reorganization of the actin cytoskeleton and recent evidence suggests a role for the Formin homology (FH) proteins in these processes. The protein encoded by this gene contains FH domains and belongs to a novel FH protein subfamily implicated in cell polarity. Wnt/Fz signaling activates the small GTPase Rho, a key regulator of cytoskeleton architecture, to control cell polarity and movement during development. Activation requires Dvl-Rho complex formation, an assembly mediated by this gene product, which is thought to function as a scaffolding protein. Evidence of alternative splicing has been observed for this gene but the full-length nature of these variants has not been determined.
Protein Interactions	UBC; PRPF40A; B3GALT4; AMBP; MAP3K7; DVL2; DVL1; RHOA;
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-DAAM1 (ARP55131_P050-Biotin) antibody
Blocking Peptide	For anti-DAAM1 (ARP55131_P050-Biotin) antibody is Catalog # AAP55131 (Previous Catalog # AAPP32749)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human DAAM1
Uniprot ID	Q9Y4D1
Protein Name	Dishevelled-associated activator of morphogenesis 1
Protein Accession #	NP_055807
Purification	Affinity Purified
Nucleotide Accession #	NM_014992
Gene Symbol	DAAM1

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
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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