

Rabbit DAAM1 Polyclonal Antibody | anti-DAAM1 antibody

DAAM1 Antibody

CATALOG # AAA323204	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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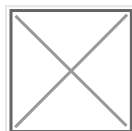
PRODUCT SYNONYMS

DAAM1; Polyclonal Antibody; DAAM1 Antibody; DAAM 1; Dishevelled associated activator of morphogenesis 1; FLJ41657; KIAA0666; anti-DAAM1 antibody

PRODUCT SPECIFICATIONS

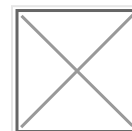
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DAAM1 antibody detects endogenous levels of DAAM1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1068
Applicable Applications for anti-DAAM1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human DAAM1.
Subcellular Location	Cytoplasmic. Note: Perinuclear.
Tissue Specificity	Expressed in all tissues examined.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (92%), Chicken (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of HeLa cells, using DAAM1 antibody.



IHC (Immunohistochemistry)

AAA323204 at 1/100 staining Human pancreas cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-DAAM1 antibody	Function: Binds to disheveled (Dvl) and Rho, and mediates Wnt-induced Dvl-Rho complex formation. May play a role as a scaffolding protein to recruit Rho-GDP and Rho-GEF, thereby enhancing Rho-GTP formation. Can direct nucleation and elongation of new actin filaments. Involved in building functional cilia (PubMed:16630611, PubMed:17482208). Involved in the organization of the subapical actin network in multiciliated epithelial cells (By similarity). Together with DAAM2, required for myocardial maturation and sarcomere assembly (By similarity). Subunit Structure: Homodimer. Interacts with CIP4, FBNP1 and FBNP1L. Interacts with the SH3 domains of Abl, BTK, endophilin, spectrin and SRC. Binds specifically to GTP-bound CDC42 and RHOA. Interacts with INTU; INTU mediates the indirect interaction between DAAM1 and NPHP4. Similarity: The C-terminal DAD domain may participate in intramolecular interactions with the N-terminus. The DAD domain regulates activation via by an autoinhibitory interaction with the GBD/FH3 domain. This autoinhibition is released upon competitive binding of an activated GTPase. The release of DAD allows the FH2 domain to then nucleate and elongate nonbranched actin filaments (By similarity). Belongs to the formin homology family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	395394053
NCBI GeneID	23002
NCBI Accession #	NP_001257449.1
NCBI GenBank Nucleotide #	NM_001270520.1
UniProt Accession #	Q9Y4D1; Q86U34; Q8N1Z8; Q8TB39
Molecular Weight	Observed: 123 kDa Predicted: 124 kDa
NCBI Official Full Name	disheveled-associated activator of morphogenesis 1 isoform 2
NCBI Official Synonym Full Names	dishevelled associated activator of morphogenesis 1
NCBI Official Symbol	DAAM1
NCBI Protein Information	disheveled-associated activator of morphogenesis 1
UniProt Protein Name	Disheveled-associated activator of morphogenesis 1
UniProt Gene Name	DAAM1
UniProt Synonym Gene Names	KIAA0666

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/daam1-antibody-immunohistochemistry-western-blot-elisa/323204>