Rabbit DAAM1 Polyclonal Antibody | anti-DAAM1 antibody

DAAM1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290160	**Rabbit**	**Human (Predicted Reactivity: Mouse)**	**Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

DAAM1; Polyclonal Antibody; DAAM1 Antibody (N-term); Disheveled-associated activator of morphogenesis 1; KIAA0666; anti-DAAM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DAAM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 45-74 amino acids from the N-terminal region of human DAAM1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.48 (varies by lot)
Sequence Positions	45-74
Sequence Length	882
Applicable Applications for anti-DAAM1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with DAAM1 Antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

WB (Western Blot)
Western blot analysis of DAAM1 (arrow) using rabbit polyclonal DAAM1 Antibody(Human N-term).293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the DAAM1 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-DAAM1 antibody	Functions of the cell cortex, including motility, adhesion, and cytokinesis, are mediated by the reorganization of the actin cytoskeleton. Recent evidence suggests a role for the Formin homology (FH) proteins in these processes. DAAM1 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 DAAM1, which is thought to function as a scaffolding protein.
Product Categories/Family for anti-DAAM1 antibody	Signal Transduction
References	Liu,W., Proc. Natl. Acad. Sci. U.S.A. 105 (1), 210-215 (2008) Yamashita,M.,Genes Cells 12 (11), 1255-1265 (2007) Lu,J., J. Mol. Biol. 369 (5), 1258-1269 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	395394053
NCBI GeneID	23002
NCBI Accession #	NP_001257449.1; NP_055807.1
NCBI GenBank Nucleotide #	NM_001270520.1
UniProt Accession #	Q9Y4D1; Q86U34; Q8N1Z8; Q8TB39
Molecular Weight	123473
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
UniProt Entry Name	DAAM1_HUMAN

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/290160