

Mouse anti-Human, Rat DAAM1 Monoclonal Antibody | anti-DAAM1 antibody

DAAM1 (Disheveled-associated Activator Of Morphogenesis 1, KIAA0666)

CATALOG # AAA14782	HOST Mouse	REACTIVITY Human, Rat	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

DAAM1; Monoclonal Antibody; DAAM1 (Disheveled-associated Activator Of Morphogenesis 1; KIAA0666); Anti -DAAM1 (Disheveled-associated Activator Of Morphogenesis 1; anti-DAAM1 antibody

PRODUCT SPECIFICATIONS

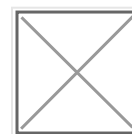
Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4H3
Specificity	Recognizes human DAAM1. Species Crossreactivity: rat.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Sequence	MAPRKRGGRG ISFIFCCFRN NDHPEITYRL RNSDNFALQT MEPALPMPV EELDVMFSEL VDELDLTDKH REAMFALPAE KKWQIYCSKK KDQEENKGAT SWPEFYIDQL *
Applicable Applications for anti-DAAM1 antibody	ELISA, WB (Western Blot)
Application Notes	Suitable for use in ELISA and Western Blot.
Immunogen	Partial recombinant corresponding to aa1-111 from DAAM1 (NP_055807) with GST tag. MW of the GST tag alone is 26kD.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



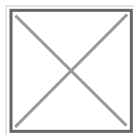
WB (Western Blot)

DAAM1 monoclonal antibody Western Blot analysis of DAAM1 expression in A-431.



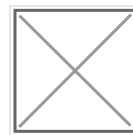
Application Data

Proximity Ligation Analysis (PLA) of protein-protein interactions between RHOA and DAAM1. HeLa cells were stained with RHOA rabbit purified polyclonal 1:1200 and DAAM1 mouse monoclonal antibody 1:50. Signals were detected 30 Detection Kit 613 (red), and nuclei were counterstained with DAPI (blue). Each red dot represents the detection of protein-protein interaction complex.



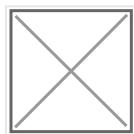
Application Data

Detection limit for recombinant GST tagged DAAM1 is ~1ng/ml as a capture antibody.



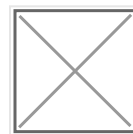
WB (Western Blot)

Western Blot analysis of DAAM1 expression in transfected 293T cell line by DAAM1 monoclonal antibody. Lane 1: DAAM1 transfected lysate (122.3kD). Lane 2: Non-transfected lysate.



WB (Western Blot)

DAAM1 monoclonal antibody Western Blot analysis of DAAM1 expression in PC-12.



WB (Western Blot)

Western Blot detection against Immunogen (38.21kD).

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	Antibodies ; Abs to Actin Related Proteins

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	123,473 Da
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/monoclonal/daam1-antibody-clone-4h3-western-blot-elisa/14782>