

ARG45062 anti-DAAM1 antibody [5D3]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [5D3] recognizes DAAM1
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Mouse
Clonality	Monoclonal
Clone	5D3
Isotype	IgG2a
Target Name	DAAM1
Species	Human
Immunogen	Clone 5D3 was generated from a recombinant protein that included amino acid residues from the N-terminal region of human DAAM1. This sequence has less than 50% homology to the N-terminal region of DAAM2.
Conjugation	Un-conjugated
Alternate Names	DAAM1; Dishevelled Associated Activator Of Morphogenesis 1; KIAA0666; Disheveled-Associated Activator Of Morphogenesis 1

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:100
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Antigen Affinity Purified.
Buffer	PBS, 0.05% NaN ₃ , 50% Glycerol and 0.1 % BSA.
Stabilizer	50% Glycerol and 0.1 % BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	DAAM1
Gene Full Name	Dishevelled Associated Activator Of Morphogenesis 1
Background	Cell motility, adhesion, cytokinesis, and other functions of the cell cortex are mediated by reorganization of the actin cytoskeleton and several formin homology (FH) proteins have been associated with these processes. The protein encoded by this gene contains two FH domains and belongs to a novel FH protein subfamily implicated in cell polarity. A key regulator of cytoskeletal architecture, the small GTPase Rho, is activated during development by Wnt/Fz signaling to control cell polarity and movement. The protein encoded by this gene is thought to function as a scaffolding protein for the Wnt-induced assembly of a disheveled (Dvl)-Rho complex. This protein also promotes the nucleation and elongation of new actin filaments and regulates cell growth through the stabilization of microtubules. Alternative splicing results in multiple transcript variants encoding distinct proteins. [provided by RefSeq, Jul 2012]
Function	During cell division, may regulate RHOA activation that signals spindle orientation and chromosomal segregation. [Uniprot]
Calculated Mw	123 kDa
PTM	Phosphoprotein. [Uniprot]
Cellular Localization	Cell projection, Cytoplasm, Cytoskeleton. [Uniprot]

Images

ARG45062 anti-DAAM1 antibody [5D3] WB image

Western blot: A431 stained with ARG45062 anti-DAAM1 antibody [5D3].

