

产品名称: DAAM1 Rabbit Polyclonal Antibody
产品货号: APRab09773



产品概述 (Summary)

产品名称 (Production Name)	DAAM1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	DAAM1 KIAA0666
别名 (Alternative Names)	Disheveled-associated activator of morphogenesis 1
基因 ID (Gene ID)	23002.0
蛋白 ID (SwissProt ID)	Q9Y4D1.Synthetic peptide from human protein at AA range: 400-500

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	123kDa

研究背景 (Background)

Cell motility, adhesion, cytokinesis, and other functions of the cell cortex are mediated by reorganization of the actin

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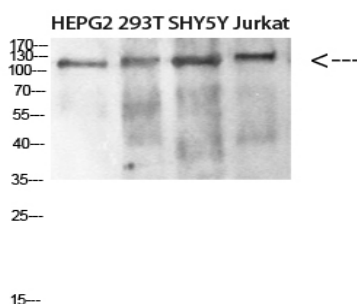


cytoskeleton and several formin homology (FH) proteins have been associated with these processes. The protein encoded by this gene contains two FH domains and belongs to a novel FH protein subfamily implicated in cell polarity. A key regulator of cytoskeletal architecture, the small GTPase Rho, is activated 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 domain: The C-terminal DAD domain may participate in intramolecular interactions with the N-terminus., 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., similarity: Belongs to the formin homology family., similarity: Contains 1 DAD (diaphanous autoregulatory) domain., similarity: Contains 1 FH1 (formin homology 1) domain., similarity: Contains 1 FH2 (formin homology 2) domain., similarity: Contains 1 GBD/FH3 (Rho GTPase-binding/formin homology 3) domain., subcellular location: Perinuclear., subunit: Homodimer. Interacts with CIP4, FNBP1 and FNBP1L. Interacts with the SH3 domains of Abl, BTK, endophilin, spectrin and SRC. Binds specifically to GTP-bound CDC42 and RHOA., tissue specificity: Expressed in all tissues examined.,

研究领域 (Research Area)

WNT; WNT-T CELL

图片 (Image Data)



Western blot analysis of SW480 MCF7 lysate, antibody was diluted at 500. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .