

DAAM1 Polyclonal Antibody
Catalog # AP74085**Specification**

DAAM1 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9Y4D1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

DAAM1 Polyclonal Antibody - Additional Information**Gene ID** 23002**Other Names**

Disheveled-associated activator of morphogenesis 1

Dilution

WB~~WB 1:500-2000, ELISA 1:10000-20000

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

DAAM1 Polyclonal Antibody - Protein Information**Name** DAAM1**Synonyms** KIAA0666**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). During cell division, may regulate RHOA activation that signals spindle orientation and chromosomal segregation.

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton, cilium basal body. Note=Perinuclear. Colocalizes with RHOA and KANK1 around centrosomes. {ECO:0000250|UniProtKB:Q8BPM0}

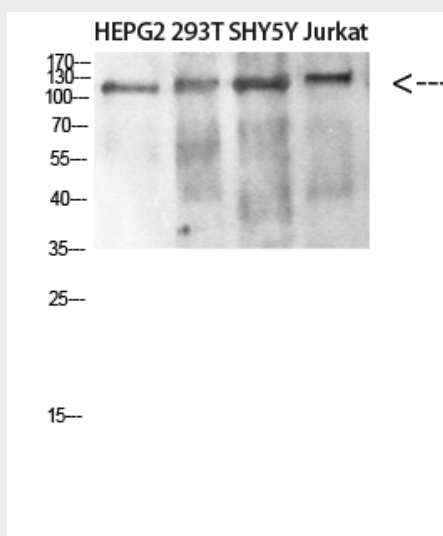
Tissue Location

Expressed in all tissues examined.

DAAM1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DAAM1 Polyclonal Antibody - Images

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

DAAM1 Polyclonal Antibody - Background

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).