

Product datasheet for **AP12338PU-N**

DAAM1 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western Blot: 1/50-1/100. Immunohistochemistry: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human DAAM1.
Specificity:	This antibody detects DAAM1 (N-term). Predicted to cross react with Mouse (100% Antigen Homology).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative. State: Aff - Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein A Chromatography followed by peptide affinity purification.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	dishevelled associated activator of morphogenesis 1
Database Link:	Entrez Gene 23002 Human Q9Y4D1



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Background:

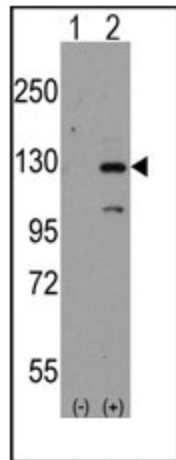
Functions of the cell cortex, including motility, adhesion, and cytokinesis, are mediated by the reorganization of the actin cytoskeleton. Recent evidence suggests a role for the Formin homology (FH) proteins in these processes. DAAM1 contains FH domains and belongs to a novel FH protein subfamily implicated 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.

Synonyms:

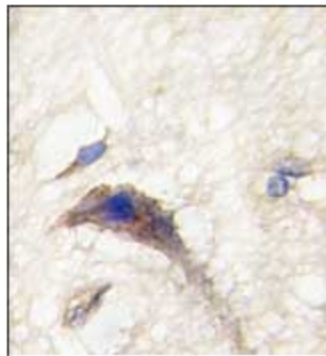
KIAA0666, FLJ41657, DAAM-1

Note:

Molecular weight: 123473 Da

Product images:


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).



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.