

## **Product datasheet for TA333858**

## **DAAM1 Rabbit Polyclonal Antibody**

## **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

**Host:** Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for Anti-DAAM1 Antibody: synthetic peptide directed towards the middle

region of human DAAM1. Synthetic peptide located within the following region:

GNTVQYWLLLDRIIQQIVIQNDKGQDPDSTPLENFNIKNVVRMLVNENEV

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

Conjugation: Unconjugated

**Store** at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

**Predicted Protein Size:** 123 kDa

**Gene Name:** dishevelled associated activator of morphogenesis 1

Database Link: NP 055807

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 and recent evidence suggests a role for the Formin homology (FH) proteins in these processes. The protein encoded by this gene 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 this gene product, which is thought to function as a scaffolding protein. Functions of the cell cortex, including motility, adhesion, and cytokinesis, are mediated by the reorganization of the actin cytoskeleton and recent evidence suggests a role for the Formin homology (FH) proteins in these processes. The protein encoded by this gene 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 this gene product, which is thought to function as a scaffolding protein. Evidence of alternative splicing has been observed for this gene but the full-length nature of these variants has not been determined.

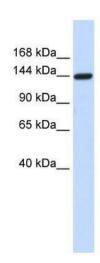
Synonyms: FLJ41657; KIAA0666

**Note:** Immunogen sequence homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse:

100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Dog: 93%; Zebrafish: 86%

**Protein Pathways:** Wnt signaling pathway

## **Product images:**



WB Suggested Anti-DAAM1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive

Control: 293T cell lysate