



# DAAM1 rabbit pAb

Cat No.:ES8614

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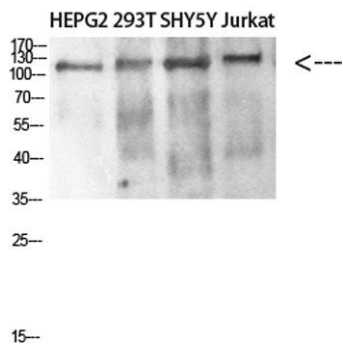
## Overview

|                                 |   |
|---------------------------------|---|
| <b>Product Name</b>             | DAAM1 rabbit pAb  |
| <b>Host species</b>             | Rabbit  |
| <b>Applications</b>             | WB;ELISA  |
| <b>Species Cross-Reactivity</b> | Human;Mouse   |
| <b>Recommended dilutions</b>    | WB 1:500-2000, ELISA 1:10000-20000  |
| <b>Immunogen</b>                | Synthetic peptide from human protein at AA range: 400-500   |
| <b>Specificity</b>              | The antibody detects endogenous DAAM1   |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.  |
| <b>Protein Name</b>             | Disheveled-associated activator of morphogenesis 1  |
| <b>Gene Name</b>                | DAAM1 KIAA0666  |
| <b>Cellular localization</b>    | Cytoplasm . Cytoplasm, cytoskeleton, cilium basal body . Perinuclear.   |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| <b>Clonality</b>                | Polyclonal  |
| <b>Concentration</b>            | 1 mg/ml   |
| <b>Observed band</b>            | 123kD   |
| <b>Human Gene ID</b>            | 23002   |
| <b>Human Swiss-Prot Number</b>  | Q9Y4D1  |
| <b>Alternative Names</b>        | Disheveled-associated activator of morphogenesis 1  |
| <b>Background</b>               | 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



Western blot analysis of SW480 MCF7 lysate, antibody was diluted at 500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

