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PRODUCT DATASHEET

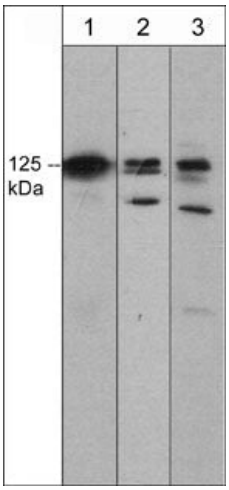
Anti-DAAM1 (N-terminal region) Antibody

Product Details

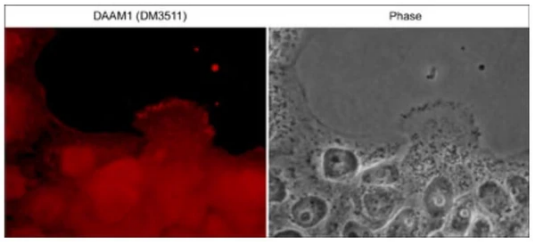
Available Variants	100 µL (SKU:DM3511)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	5D3
Gene Name	DAAM1
Host Species	Mouse
Format	Protein A Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:500 ICC: 1:200
Species Reactivity	Human, Mouse, Rat
Immunogen	Clone 5D3 was generated from a recombinant protein that included amino acid residues from the N-terminal region of human DAAM1. This sequence has less than 50% homology to the N-terminal region of DAAM2.
Specificity	The antibody detects a 125 kDa* protein corresponding to the apparent molecular mass of DAAM1 on SDS-PAGE immunoblots of human A431, K562, and mouse C2C12 cells.
Molecular Weight	125
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	Q9Y4D1 UniProt Summary: 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. Involved in the organization of the subapical actin network in multiciliated epithelial cells. Together with DAAM2, required for myocardial maturation and sarcomere assembly. During cell division, may regulate RHOA activation that signals spindle orientation and chromosomal segregation.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	23002

Product Images



Western blot analysis of DAAM1 expression in mouse C2C12 (lane 1), human A431 (lane 2), and K562 (lane 3) cell lysates. The blots were probed with mouse monoclonal DAAM1 (N-terminal region) antibody at 1:500.



Immunocytochemical labeling of DAAM1 in aldehyde-fixed and NP-40-permeabilized A431 cells. The cells were labeled with mouse monoclonal DAAM1 (N-terminal region) antibody, then the antibody was detected using appropriate secondary antibody conjugated to DyLight® 594. The corresponding phase image is shown to the right.

Product Page URL: www.antibodiesinc.com/products/anti-daam1-n-terminal-region-antibody-dm3511

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