

DAAM2 Polyclonal Antibody

Catalog No: #30933



Package Size: #30933-1 50ul #30933-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

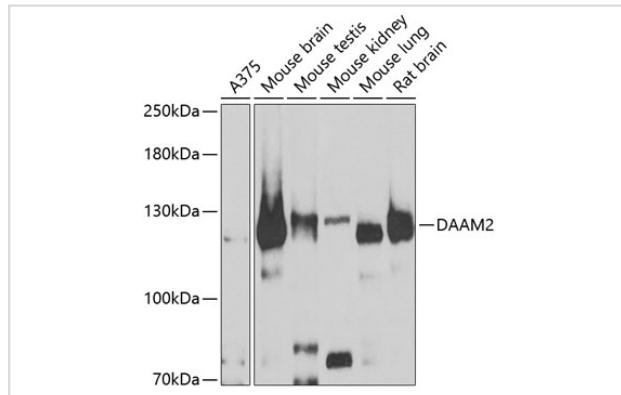
Description

Product Name	DAAM2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant fusion protein of human DAAM2 (NP_056160.2).
Conjugates	Unconjugated
Other Names	DAAM2;dJ90A20A.1
Accession No.	Uniprot:Q86T65GeneID:23500
Calculated MW	123kDa
SDS-PAGE MW	123kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

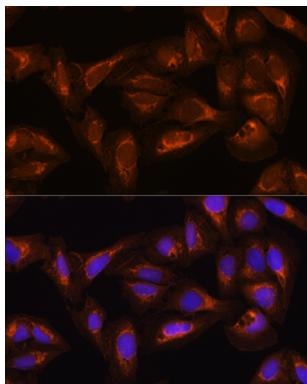
Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

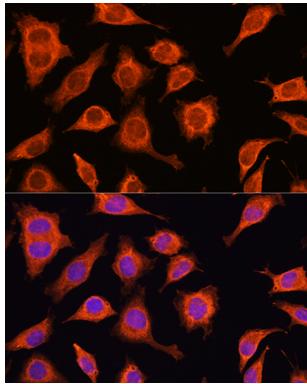
Images



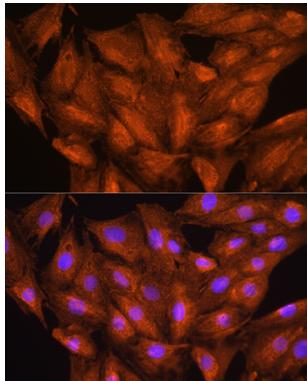
Western blot analysis of extracts of various cell lines, using DAAM2 antibody.



Immunofluorescence analysis of U2OS cells using DAAM2 Rabbit pAb.



Immunofluorescence analysis of L929 cells using DAAM2 Rabbit pAb.



Immunofluorescence analysis of H9C2 cells using DAAM2 Rabbit pAb.

Background

Key regulator of the Wnt signaling pathway, which is required for various processes during development, such as dorsal patterning, determination of left/right symmetry or myelination in the central nervous system. Acts downstream of Wnt ligands and upstream of beta-catenin (CTNNB1). Required for canonical Wnt signaling pathway during patterning in the dorsal spinal cord by promoting the aggregation of Disheveled (Dvl complexes, thereby clustering and formation of Wnt receptor signalosomes and potentiating Wnt activity. During dorsal patterning of the spinal cord, inhibits oligodendrocytes differentiation via interaction with PIP5K1A. Also regulates non-canonical Wnt signaling pathway. Acts downstream of PITX2 in the developing gut and is required for left/right asymmetry within dorsal mesentery: affects mesenchymal condensation by lengthening cadherin-based junctions through WNT5A and non-canonical Wnt signaling, inducing polarized condensation in the left dorsal mesentery necessary to initiate gut rotation. Together with DAAM1, required for myocardial maturation and sarcomere assembly.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.