



[Go to Product page](#)

Datasheet for ABIN6139383
anti-DAAM2 antibody (AA 1-86)

4 Images

Overview

Quantity:	100 µL
Target:	DAAM2
Binding Specificity:	AA 1-86
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DAAM2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-86 of human DAAM2 (NP_056160.2).
Sequence:	MAPRKRSHHG LGFLCCFGGS DIPEINLRDN HPLQFMEFSS PIPNAEELNI RFAELVDELD LTDKNREAMF ALPPEKKWQI YCSKKK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	DAAM2
Alternative Name:	DAAM2 (DAAM2 Products)
Background:	<p>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.,DAAM2,dJ90A20A.1,Stem Cells,DAAM2</p>
Molecular Weight:	123 kDa
Gene ID:	23500
UniProt:	Q86T65

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

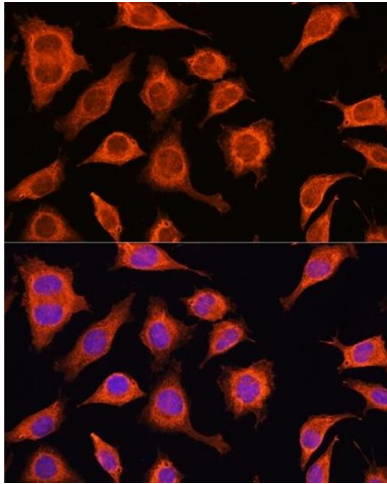
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Handling

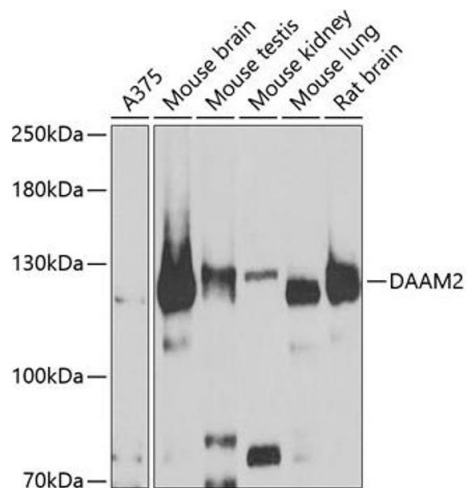
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



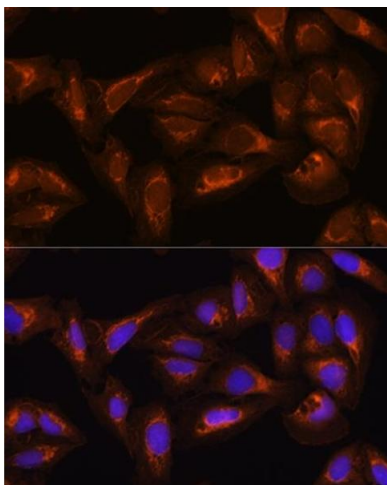
Immunofluorescence

Image 1. Immunofluorescence analysis of L929 cells using D Rabbit pAb (ABIN6127743, ABIN6139383, ABIN6139384 and ABIN6223348) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using D antibody (ABIN6127743, ABIN6139383, ABIN6139384 and ABIN6223348) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunofluorescence

Image 3. Immunofluorescence analysis of U2OS cells using D Rabbit pAb (ABIN6127743, ABIN6139383, ABIN6139384 and ABIN6223348) at dilution of 1:100. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6139383.