

For Research Use Only

DAAM1 Polyclonal antibody

Catalog Number: 14876-1-AP

Featured Product

23 Publications



Basic Information

Catalog Number:

14876-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 253 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6648

GenBank Accession Number:

BC064999

GeneID (NCBI):

23002

UNIPROT ID:

Q9Y4D1

Full Name:

dishevelled associated activator of morphogenesis 1

Calculated MW:

123 kDa

Observed MW:

123 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF, ColP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, canine, goat, xenopus

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: mouse brain tissue, HepG2 cells, human heart tissue, mouse liver tissue, mouse heart tissue

IP: mouse liver tissue,

IHC: human brain tissue,

IF/ICC: HepG2 cells,

Background Information

Dishevelled-associated activator of morphogenesis 1 (Daam1) is a member of the formin protein family that is implicated in actin assembly. Daam1 also plays a critical role in mediating Wnt/Fz signaling pathway and regulates cell polarity during development and tissue homeostasis. This antibody well recognizes the endogenous DAAM1 protein around 120 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Qin Ju He	31618077	Am J Physiol Cell Physiol	WB
Tamako Nishimura	27807130	J Cell Biol	WB,IF
Jie Mei	31757662	Pathol Res Pract	WB,IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

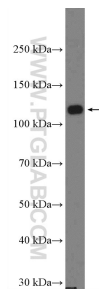
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

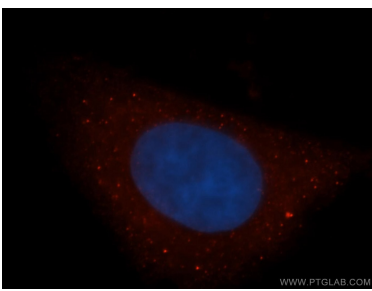
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

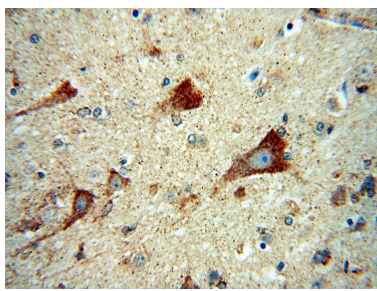
Selected Validation Data



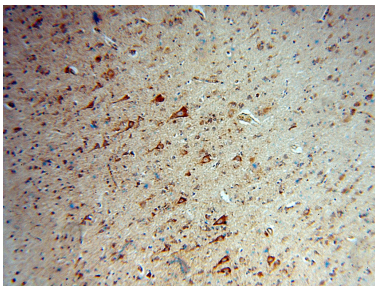
mouse brain tissue were subjected to SDS PAGE followed by western blot with 14876-1-AP (DAAM1 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



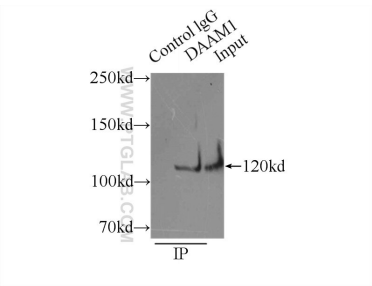
Immunofluorescent analysis of HepG2 cells, using DAAM1 antibody 14876-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical analysis of paraffin-embedded human brain using 14876-1-AP (DAAM1 antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 14876-1-AP (DAAM1 antibody) at dilution of 1:100 (under 10x lens).



IP result of anti-DAAM1 (IP:14876-1-AP, 3ug; Detection:14876-1-AP 1:500) with mouse liver tissue lysate 8000ug.