

For Research Use Only

MYO1A Polyclonal antibody

Catalog Number: 17499-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

17499-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11682

GenBank Accession Number:

BC059387

GeneID (NCBI):

4640

UNIPROT ID:

Q9UBC5

Full Name:

myosin IA

Calculated MW:

1043 aa, 118 kDa

Observed MW:

130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

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, HeLa cells, A431 cells

IP : HeLa cells,

IHC : human colon cancer tissue, human kidney tissue

IF/ICC : HepG2 cells, HeLa cells

Notable Publications

Author	Pubmed ID	Journal	Application
Yi Zhao	38964315	Cell Rep Med	WB

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

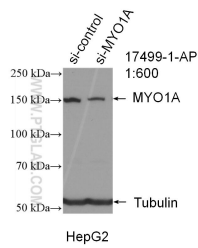
For technical support and original validation data for this product please contact:

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

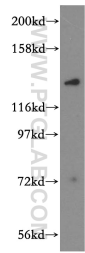
E: proteintech@ptglab.com
W: ptglab.com

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

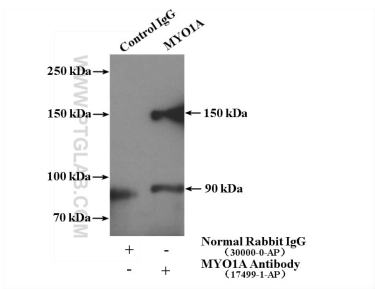
Selected Validation Data



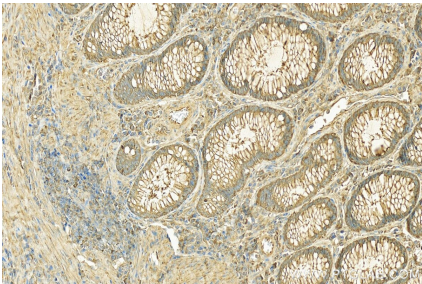
WB result of MYO1A antibody (17499-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-MYO1A transfected HepG2 cells.



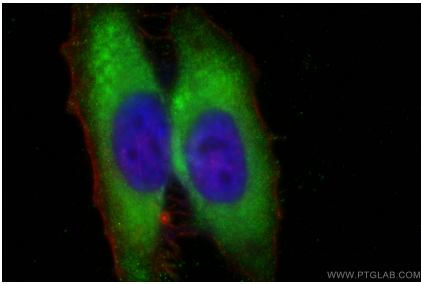
mouse brain tissue were subjected to SDS PAGE followed by western blot with 17499-1-AP (MYO1A antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-MYO1A (IP:17499-1-AP, 4ug; Detection:17499-1-AP 1:500) with HeLa cells lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded Colorectal cancer slide using 17499-1-AP (MYO1A antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using MYO1A antibody (17499-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).