

For Research Use Only

# MYO10 Polyclonal antibody

Catalog Number: 24565-1-AP

Featured Product

5 Publications



## Basic Information

Catalog Number:

24565-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18882

GenBank Accession Number:

BC137168

GeneID (NCBI):

4651

UNIPROT ID:

Q9HD67

Full Name:

myosin X

Calculated MW:

2058 aa, 237 kDa

Observed MW:

240-250 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IF 1:20-1:200

## Applications

Tested Applications:

WB, IF/ICC, FC, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human, mouse

Cited Species:

human, mouse, zebrafish

Positive Controls:

WB : mouse brain tissue, HeLa cells

IF : SH-SY5Y cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Franklin Mayca Pozo	34524844	Sci Adv	IF
Adam Tuttle	31476133	Elife	IHC
Yueyan Li	32969194	Proteomics Clin Appl	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

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

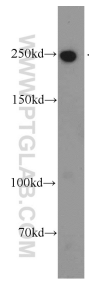
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

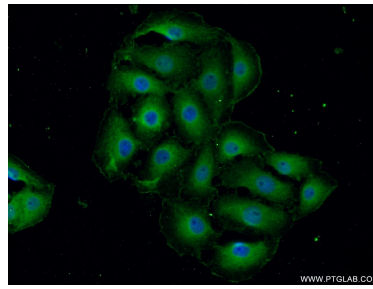
W: [ptgcn.com](http://ptgcn.com)

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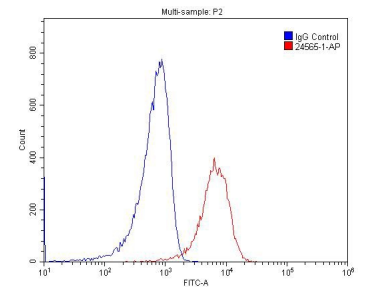
## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 24565-1-AP (MYO10 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of SH-SY5Y cells using 24565-1-AP (MYO 10 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10<sup>6</sup> RAW 264.7 cells were stained with 0.2ug MYO 10 antibody (24565-1-AP, red) and control antibody (blue). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500. Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100.