

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/ICC 1:20-1:200

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse, zebrafish

Positive Controls:

WB : mouse brain tissue, HeLa cells

IF/ICC : 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:

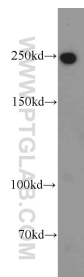
T: 4006900926

E: Proteintech-CN@ptglab.com

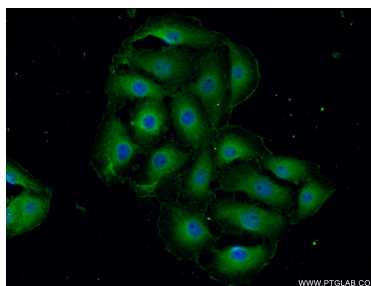
W: ptgcn.com

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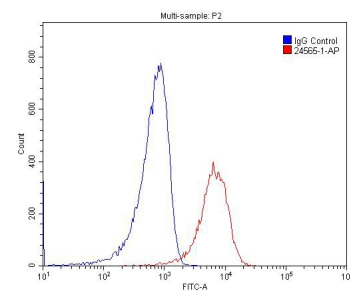
Selected Validation Data



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 (MYO10 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ RAW 264.7 cells were stained with 0.2ug MYO10 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.