

For Research Use Only

MYO10 Polyclonal antibody

Catalog Number: 24565-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number: 24565-1-AP	GenBank Accession Number: BC137168	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 360 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4651	Recommended Dilutions: WB 1:500-1:1000 IF 1:20-1:200
Source: Rabbit	Full Name: myosin X	
Isotype: IgG	Calculated MW: 2058 aa, 237 kDa	
Immunogen Catalog Number: AG18882	Observed MW: 240-250 kDa	

Applications

Tested Applications: FC, IF, WB, ELISA	Positive Controls: WB : mouse brain tissue, HeLa cells
Cited Applications: IF, IHC, WB	IF : SH-SY5Y cells,
Species Specificity: human, mouse	
Cited Species: human, mouse, zebrafish	

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

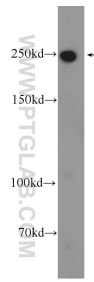
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

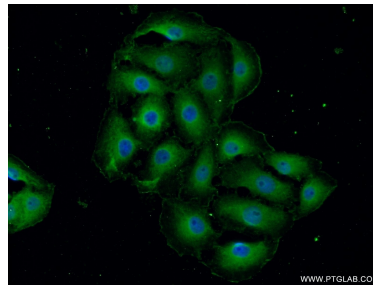
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

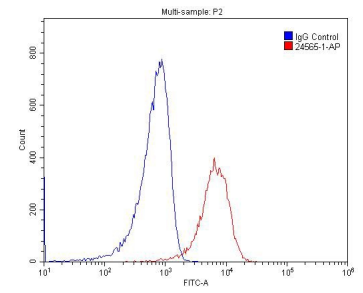
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 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).



1X10⁶ 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.