

ARG42229 anti-MYO1B antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes MYO1B
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Rat, Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MYO1B
Species	Human
Immunogen	Synthetic peptide around the internal region of Human MYO1B. (C-RTVEAKQEKVSTT) (NP_001123630.1; NP_036355.2)
Conjugation	Un-conjugated
Alternate Names	MMIa; MYH-1c; myr1; Unconventional myosin-Ib; Myosin I alpha; MMI-alpha

Application Instructions

Application table	Application	Dilution
	IHC-P	5 - 10 µg/ml
	WB	1 - 3 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	NIH/3T3	
Observed Size	~ 120 kDa	

Properties

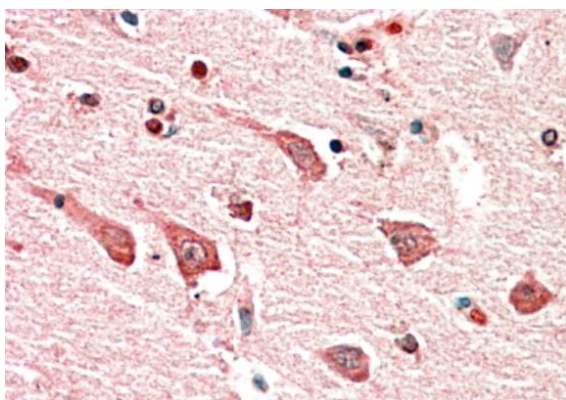
Form	Liquid
Purification	Affinity purified
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

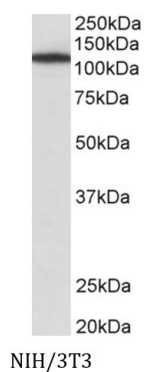
Gene Symbol	MYO1B
Gene Full Name	myosin IB
Function	Motor protein that may participate in process critical to neuronal development and function such as cell migration, neurite outgrowth and vesicular transport. [UniProt]
Calculated Mw	132 kDa

Images



ARG42229 anti-MYO1B antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cerebral cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG42229 anti-MYO1B antibody at 5 µg/ml dilution followed by AP-staining.



ARG42229 anti-MYO1B antibody WB image

Western blot: 35 µg of NIH/3T3 cell lysate (in RIPA buffer) stained with ARG42229 anti-MYO1B antibody at 1 µg/ml dilution and incubated at RT for 1 hour.