

MYO1B Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3403a**Specification**

MYO1B Antibody (internal region) - Product Information

Application	IHC, WB
Primary Accession	O43795
Other Accession	NP_001123630.1 , NP_036355.2 , 4430 , 17912 (mouse), 117057 (rat)
Reactivity	Human, Mouse
Predicted	Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	131985

MYO1B Antibody (internal region) - Additional Information**Gene ID** 4430**Other Names**

Unconventional myosin-Ib, MYH-1c, Myosin I alpha, MMI-alpha, MMIa, MYO1B

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MYO1B Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

MYO1B Antibody (internal region) - Protein Information**Name** MYO1B**Function**

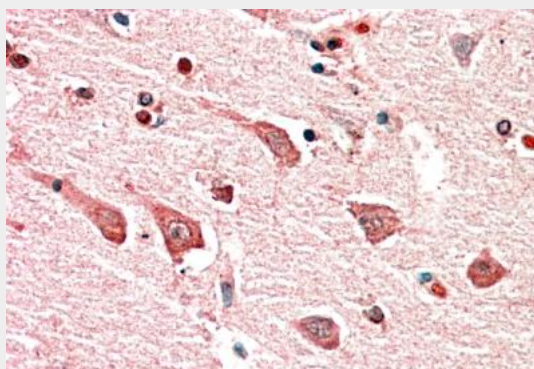
Motor protein that may participate in process critical to neuronal development and function such as cell migration, neurite outgrowth and vesicular transport.

MYO1B Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MYO1B Antibody (internal region) - Images



AF3403a (5 µg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



AF3403a (1 µg/ml) staining of NIH3T3 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

MYO1B Antibody (internal region) - Background

This antibody is expected to recognize both reported isoforms (NP_001123630.1; NP_036355.2). Reported variants represent identical protein: NP_001123630.1, NP_001155291.1.

MYO1B Antibody (internal region) - References

Myosin I can act as a molecular force sensor. Laakso JM, Lewis JH, Shuman H, Ostap EM, Science

(New York, N.Y.) 2008 Jul 321 (5885): 133-6. PMID: 18599791