

## Anti-MYO9B/Myosin Ixb Antibody

Catalog Number: A03456

### About MYO9B

Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. May be involved in the remodeling of the actin cytoskeleton. Binds actin with high affinity both in the absence and presence of ATP and its mechanochemical activity is inhibited by calcium ions. Also acts as a GTPase activating protein on Rho.

Wirth J.A., J. Cell Sci. 109:653-661(1996).

Grewal P.K., Gene 240:389-398(1999).

Post P.L., J. Cell Sci. 111:941-950(1998).

### Overview

Product Name	Anti-MYO9B/Myosin Ixb Antibody
Reactive Species	Human
Description	Boster Bio Anti-MYO9B/Myosin Ixb Antibody (Catalog # A03456). Tested in WB applications. This antibody reacts with Human.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q13459

### Technical Details

Immunogen	Synthesized peptide derived from N-terminal of human MYO9B.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

specific immunogen.

**Suggested Dilutions**

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

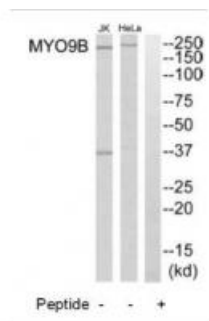
If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Western blotting: 1:500~1:3000

## Anti-MYO9B/Myosin Ixb Antibody (A03456) Images



Western blot analysis of extracts from HeLa cells and Jurkat cells, using MYO9B antibody A03456.

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