

Anti-Myosin-3 MYH3 Antibody

Catalog Number: A02697

About MYH3

Myosins are actin-based motor proteins that function in the generation of mechanical force in eukaryotic cells (1). MYH3 (myosin, heavy chain, skeletal muscle, embryonic) plays a significant role in skeletal muscle development (2) and is also essential for the proper morphology and function of the developing heart (3). Mutations in this gene have been associated with Freeman-Sheldon syndrome and Sheldon-Hall syndrome (4).

Overview

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| Product Name | Anti-Myosin-3 MYH3 Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-Myosin-3 MYH3 Antibody (Catalog # A02697). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat. |
| Application | ELISA, IHC-P, WB |
| Clonality | Polyclonal |
| Formulation | MYH3 antibody is supplied in PBS containing 0.02% sodium azide. |
| Storage Instructions | Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures. |
| Host | Rabbit |
| Uniprot ID | P11055 |

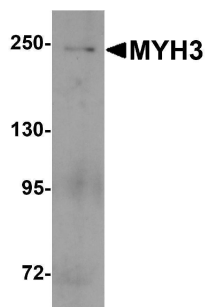
Technical Details

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| Immunogen | MYH3 antibody was raised against a 19 amino acid peptide near the amino terminus of human MYH3. The immunogen is located within amino acids 30 - 80 of MYH3. |
| Predicted Reactive Species | Bovine, Chicken, Mouse, Rat |
| Cross Reactivity | MYH3 antibody is human, mouse and rat reactive. MYH3 antibody is predicted to not cross-react with other members of the myosin heavy chain family. |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | MYH3 antibody is affinity chromatography purified via peptide column. |
| Suggested Dilutions | MYH3 antibody can be used for detection of MYH3 by Western blot at 1 ug/ml. Antibody can also be |

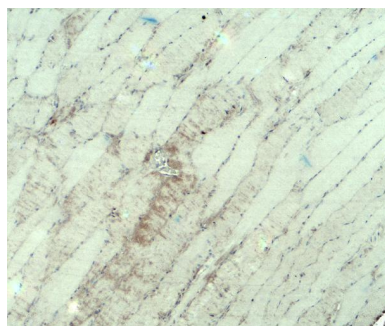
used for immunohistochemistry starting at 5 ug/mL.

Antibody validated: Western Blot in human samples and Immunohistochemistry in mouse samples.
All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-Myosin-3 MYH3 Antibody (A02697) Images



Western blot analysis of MYH3 in fetal human skeletal muscle lysate with MYH3 antibody at 1 ug/ml.



Immunohistochemistry of MYH3 in mouse skeletal muscle tissue with MYH3 antibody at 5 ug/ml.

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Anti-Myosin-3 MYH3 Antibody

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