

MYH1 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21531a**Specification**

MYH1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P12882
Reactivity	Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Antigen Region	51-85

MYH1 Antibody (N-term) - Additional Information**Gene ID** 4619**Other Names**

Myosin-1, Myosin heavy chain 1, Myosin heavy chain 2x, MyHC-2x, Myosin heavy chain IIx/d, MyHC-IIx/d, Myosin heavy chain, skeletal muscle, adult 1, MYH1

Target/Specificity

This MYH1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 51-85 amino acids from the N-terminal region of human MYH1.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

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

Precautions

MYH1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MYH1 Antibody (N-term) - Protein Information**Name** MYH1 ([HGNC:7567](#))

Function Required for normal hearing. It plays a role in cochlear amplification of auditory stimuli, likely through the positive regulation of prestin (SLC26A5) activity and outer hair cell (OHC)

electromotility.

Cellular Location

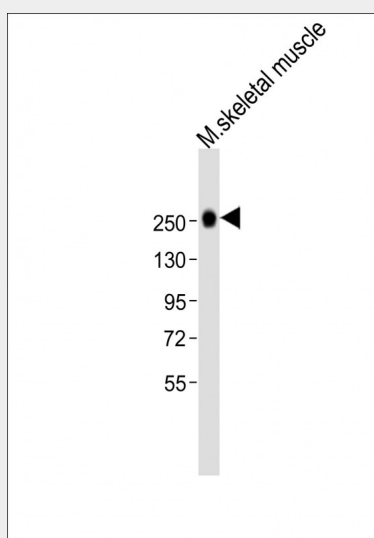
Cytoplasm, myofibril. Note=Thick filaments of the myofibrils

MYH1 Antibody (N-term) - 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](#)

MYH1 Antibody (N-term) - Images



Anti-MYH1 Antibody (N-term) at 1:2000 dilution + mouse skeletal muscle lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 223 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

MYH1 Antibody (N-term) - Background

Muscle contraction.

MYH1 Antibody (N-term) - References

Weiss A., et al. J. Mol. Biol. 290:61-75(1999).
Zody M.C., et al. Nature 440:1045-1049(2006).
Saez L., et al. Nucleic Acids Res. 14:2951-2969(1986).
Sjoebloom T., et al. Science 314:268-274(2006).
Ley T.J., et al. Nature 456:66-72(2008).