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MYH1 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21531a

Product Information

Application	WB, E
Primary Accession	P12882
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB49561
Calculated MW	223145

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.

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

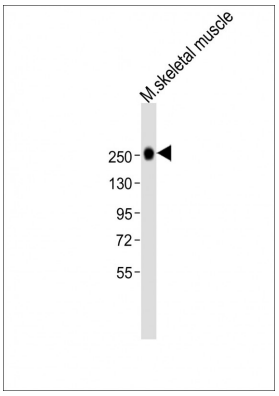
Background

Muscle contraction.

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).
Sjoeblom T.,et al.Science 314:268-274(2006).
Ley T.J.,et al.Nature 456:66-72(2008).

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.