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MYH2 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21696a

Product Information

Application	WB, E
Primary Accession	Q9UKX2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53409
Calculated MW	223044

Additional Information

Gene ID	4620
Other Names	Myosin-2, Myosin heavy chain 2, Myosin heavy chain 2a, MyHC-2a, Myosin heavy chain IIa, MyHC-IIa, Myosin heavy chain, skeletal muscle, adult 2, MYH2, MYHSA2
Target/Specificity	This MYH2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 350-382 amino acids from human MYH2.
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	MYH2 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MYH2 (HGNC:7572)
Synonyms	MYHSA2
Function	Myosins are actin-based motor molecules with ATPase activity essential for

	muscle contraction.
Cellular Location	Cytoplasm, myofibril {ECO:0000250|UniProtKB:G3UW82}. Note=Thick filaments of the myofibrils

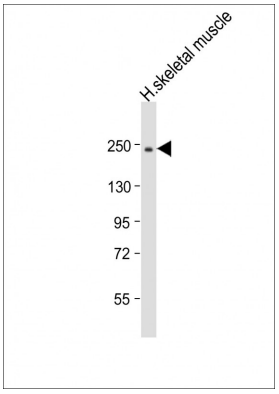
Background

Muscle contraction. Required for cytoskeleton organization (By similarity).

References

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Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Smerdu V.,et al.Am. J. Physiol. 267:C1723-C1728(1994).
Ennion S.,et al.J. Muscle Res. Cell Motil. 16:35-43(1995).

Images



Anti-MYH2 Antibody (N-Term) at 1:2000 dilution + human skeletal muscle lysate 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.