

MYH2 Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21696a**Specification**

MYH2 Antibody (N-Term) - Product Information

Application	WB,E
Primary Accession	O9UKX2
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	223044

MYH2 Antibody (N-Term) - 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.

MYH2 Antibody (N-Term) - Protein Information**Name** MYH2 ([HGNC:7572](#))**Synonyms** MYHSA2

Function Myosins are actin-based motor molecules with ATPase activity essential for muscle contraction.

Cellular Location

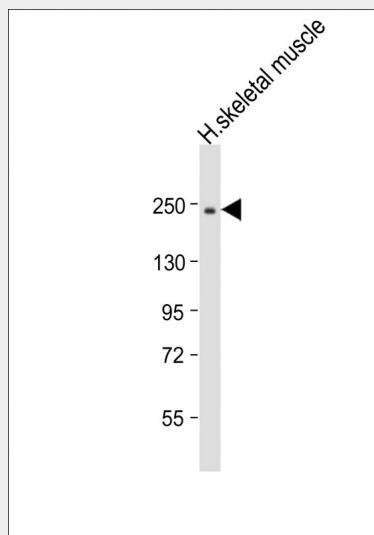
Cytoplasm, myofibril {ECO:0000250|UniProtKB:G3UW82}. Note=Thick filaments of the myofibrils

MYH2 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](#)

MYH2 Antibody (N-Term) - 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.

MYH2 Antibody (N-Term) - Background

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

MYH2 Antibody (N-Term) - References

Weiss A.,et al.J. Mol. Biol. 290:61-75(1999).
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).