

Rabbit MYH2 Polyclonal Antibody | anti-MYH2 antibody

MYH2 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313573	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

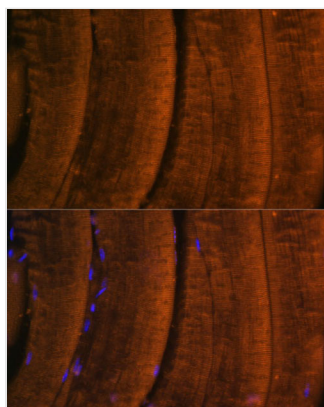
PRODUCT SYNONYMS

MYH2; Polyclonal Antibody; MYH2 Rabbit Polyclonal Antibody; IBM3; MYH2A; MYHSA2; MYHas8; MYPOP; MyHC-2A; MyHC-IIa; myosin-2; anti-MYH2 antibody

PRODUCT SPECIFICATIONS

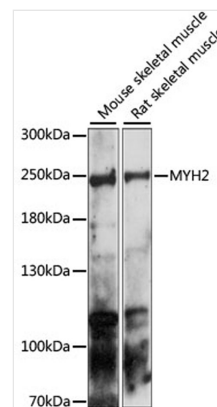
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-MYH2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human MYH2 (NP_001093582.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of mouse skeletal muscle using MYH2 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MYH2 at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-MYH2 antibody	Myosins are actin-based motor proteins that function in the generation of mechanical force in eukaryotic cells. Muscle myosins are heterohexamers composed of 2 myosin heavy chains and 2 pairs of nonidentical myosin light chains. This gene encodes a member of the class II or conventional myosin heavy chains, and functions in skeletal muscle contraction. This gene is found in a cluster of myosin heavy chain genes on chromosome 17. A mutation in this gene results in inclusion body myopathy-3. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Product Categories/Family for anti-MYH2 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	153792663
NCBI GeneID	4620
NCBI Accession #	NP_060004.3
NCBI GenBank Nucleotide #	NM_017534.5
UniProt Accession #	Q9UKX2; Q14322; Q16229; Q86T56; A0AVL4
Molecular Weight	223,044 Da
NCBI Official Full Name	myosin-2
NCBI Official Synonym Full Names	myosin, heavy chain 2, skeletal muscle, adult
NCBI Official Symbol	MYH2
NCBI Official Synonym Symbols	IBM3; MYH2A; MYHSA2; MYHas8; MyHC-2A; MyHC-IIa
NCBI Protein Information	myosin-2; myosin heavy chain 2; myosin heavy chain 2a; myosin heavy chain IIa; fast 2a myosin heavy chain; type IIA myosin heavy chain; myosin heavy chain, skeletal muscle, adult 2; inclusion body myopathy 3, autosomal dominant; myosin, heavy polypeptide
UniProt Protein Name	Myosin-2
UniProt Gene Name	MYH2
UniProt Synonym Gene Names	MYHSA2; MyHC-2a; MyHC-IIa
UniProt Entry Name	MYH2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/myh2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/313573>