

Rabbit Myosin 2 Polyclonal Antibody | anti-MYH2 antibody

Anti-Myosin 2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA264514	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

Myosin 2; Polyclonal Antibody; Anti-Myosin 2 Antibody; MYHSA2; 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; anti-MYH2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Myosin 2 protein.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Applicable Applications for anti-MYH2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide of human Myosin 2. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Myosin 2 staining in mouse skeletal muscle tissues. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of Myosin 2 expression in mouse skeletal muscle (A), rat skeletal muscle (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-MYH2 antibody	Rabbit polyclonal antibody to Myosin 2
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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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/myosin-2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/264514>