

Rabbit anti-Human MYH4 Polyclonal Antibody | anti-MYH4 antibody

MYH4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234439	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

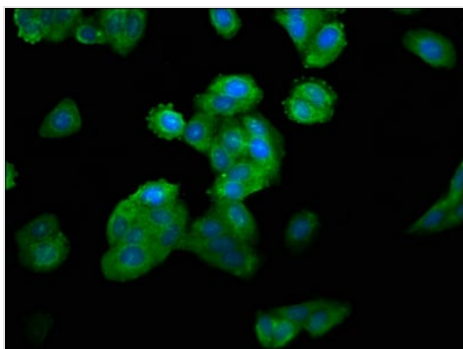
PRODUCT SYNONYMS

MYH4; Polyclonal Antibody; MYH4 Antibody; Myosin-4; Myosin heavy chain 2b; MyHC-2b; Myosin heavy chain 4; Myosin heavy chain IIb; MyHC-IIb; Myosin heavy chain; skeletal muscle; fetal; anti-MYH4 antibody

PRODUCT SPECIFICATIONS

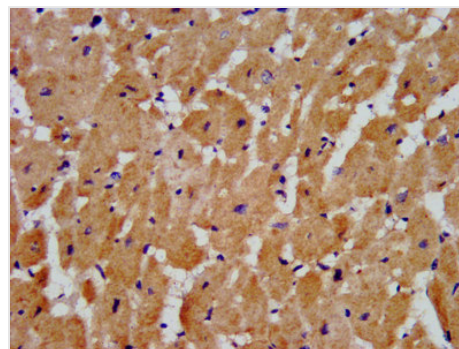
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1939
Applicable Applications for anti-MYH4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Myosin-4 protein (896-1045AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234439 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234439 diluted at 1:300 and staining in paraffin-embedded human heart tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-MYH4 antibody	Muscle contraction.
Product Categories/Family for anti-MYH4 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	110611903
NCBI GeneID	4622
NCBI Accession #	NP_060003.2
NCBI GenBank Nucleotide #	NM_017533.2
UniProt Accession #	Q9Y623
Molecular Weight	223,071 Da
NCBI Official Full Name	myosin-4
NCBI Official Synonym Full Names	myosin heavy chain 4
NCBI Official Symbol	MYH4
NCBI Official Synonym Symbols	MYH2B; MyHC-2B; MyHC-IIb
NCBI Protein Information	myosin-4
UniProt Protein Name	Myosin-4
UniProt Gene Name	MYH4
UniProt Synonym Gene Names	MyHC-2b; MyHC-IIb

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://stage.aaabiotech.com/polyclonal/myh4-antibody-immunofluorescence-immunohistochemistry-elisa/234439>