A9516

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MYH6/α-MHC Rabbit pAb

Catalog No.: A9516 6 Publications

Basic Information

Observed MW
255kDa

Calculated MW
224kDa

Category
Polyclonal Antibody

Applications
WB,ELISA,IF-P

Cross-Reactivity
Mouse,Rat

Background

Cardiac muscle myosin is a hexamer consisting of two heavy chain subunits, two light chain subunits, and two regulatory subunits. This gene encodes the alpha heavy chain subunit of cardiac myosin. The gene is located approximately 4kb downstream of the gene encoding the beta heavy chain subunit of cardiac myosin. Mutations in this gene cause familial hypertrophic cardiomyopathy and atrial septal defect 3.

Recommended Dilutions

WB	1:500 - 1:2000
IF-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
4624

Swiss Prot
P13533

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
ASD3; MYHC; SSS3; CMH14; MYHCA; CMD1EE; alpha-MHC; MYH6/α-MHC

Contact

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Product Information

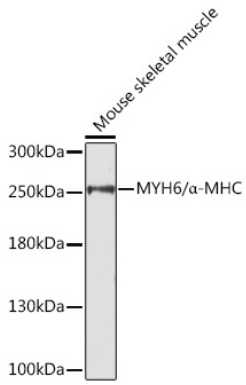
Source
Rabbit

Isotype
IgG

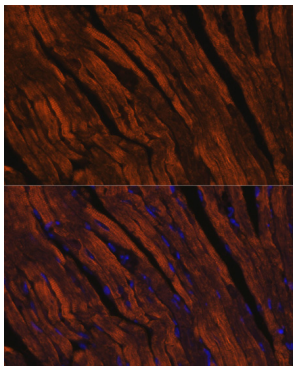
Purification
Affinity purification

Storage
Store at -20℃

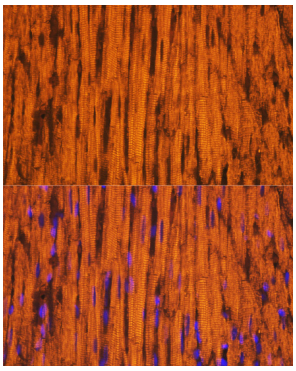
Validation Data



Western blot analysis of lysates from mouse skeletal muscle, using MYH6/α-MHC Rabbit pAb (A9516).
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of mouse heart using MYH6/α-MHC Rabbit pAb (A9516) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat heart using MYH6/α-MHC Rabbit pAb (A9516) at dilution of 1:100. Blue: DAPI for nuclear staining.