

MYH7 Rabbit mAb (AR1718)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG,Kappa
MW:	223kDa (Calculated) 223kDa (Observed)

Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage	-15°C to -25°C/1 year (Do not lower than -25°C)
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Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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Target Information

Gene name	MYH7 MYHCB
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Protein Name	Myosin-7 (Myosin heavy chain 7) (Myosin heavy chain slow isoform) (MyHC-slow) (Myosin heavy chain, cardiac muscle beta isoform) (MyHC-beta)
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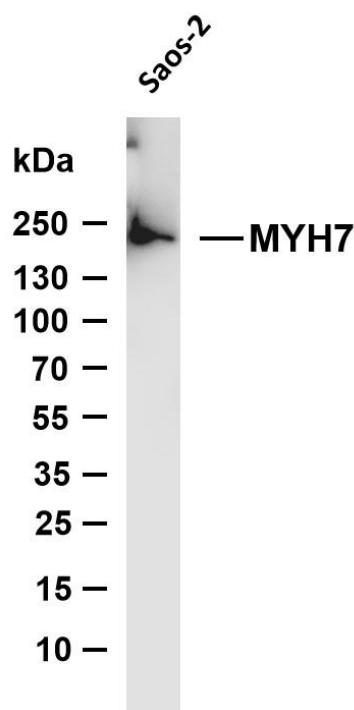
Organism	Gene ID	UniProt ID
Human	4625	P12883
Mouse	140781	Q91Z83
Rat	29557	P02564

Cellular Localization	Cytoplasm, myofibril. Cytoplasm, myofibril, sarcomere. Thick filaments of the myofibrils.
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Tissue specificity	Both wild type and variant Gln-403 are detected in skeletal muscle
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(at protein level).

Validation Data

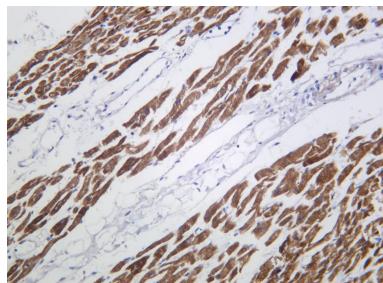


Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-MYH7 antibody. The HRP conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

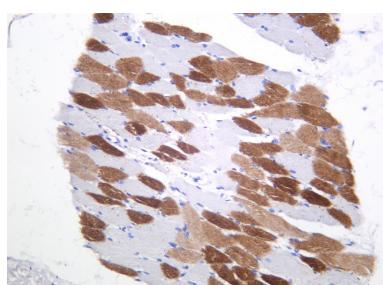
Lane 1: Saos-2

Predicted band size: 223kDa

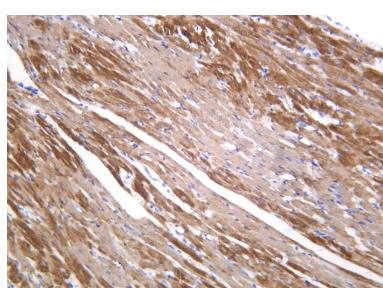
Observed band size: 223kDa



Human cardiac muscle was stained with anti-MYH7 Rabbit antibody.



Human skeletal muscle was stained with anti-MYH7 Rabbit antibody.



Mouse cardiac muscle was stained with anti-MYH7 Rabbit antibody.