

Rabbit Myosin 7 Polyclonal Antibody | anti-MYH7 antibody

Anti-Myosin 7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263690	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

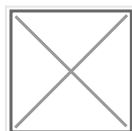
PRODUCT SYNONYMS

Myosin 7; Polyclonal Antibody; Anti-Myosin 7 Antibody; MYHCB; Myosin-7; Myosin heavy chain 7; Myosin heavy chain slow isoform; MyHC-slow; Myosin heavy chain; cardiac muscle beta isoform; MyHC-beta; anti-MYH7 antibody

PRODUCT SPECIFICATIONS

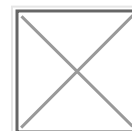
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Myosin 7 protein.
Purity/Purification	Purified by immunogen affinity chromatography
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	1,935
Applicable Applications for anti-MYH7 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human Myosin 7
Preparation and Storage	Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



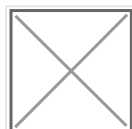
IF (Immunofluorescence)

Immunofluorescent analysis of Myosin 7 staining in rat skeletal muscle. 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 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of Myosin 7 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Myosin 7 expression in mouse skeletal muscle (A), rat skeletal muscle (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-MYH7 antibody	Rabbit polyclonal antibody to Myosin 7
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115496169
NCBI GeneID	4625
NCBI Accession #	NP_000248.2
NCBI GenBank Nucleotide #	NM_000257.3
UniProt Accession #	P12883; Q14836; Q14837; Q14904; Q16579; Q2M1Y6; Q92679; Q9H1D5; Q9UDA2; Q9UMM8; A2TDB6; B6D424
NCBI Official Full Name	myosin-7
NCBI Official Synonym Full Names	myosin heavy chain 7
NCBI Official Symbol	MYH7
NCBI Official Synonym Symbols	CMH1; MPD1; SPMD; SPMM; CMD1S; MYHCB
NCBI Protein Information	myosin-7
UniProt Protein Name	Myosin-7
UniProt Gene Name	MYH7
UniProt Synonym Gene Names	MYHCB; MyHC-slow; MyHC-beta

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.