

anti-Human, Mouse MYH4-Specific Antibody | anti-MYH4 antibody

MYH4-Specific Antibody

CATALOG # AAA322989	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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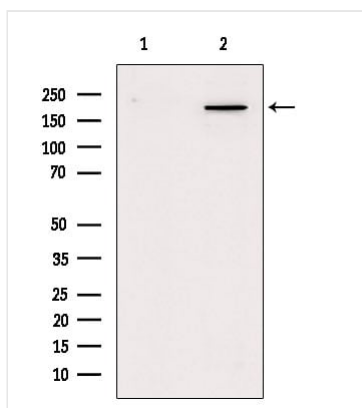
PRODUCT SYNONYMS

MYH4-Specific; MYH4-Specific Antibody; fetal; MYH2B; Myh4; MYH4_HUMAN; MyHC-2b; MyHC-IIb; Myosin heavy chain 2b; Myosin heavy chain 4; Myosin heavy chain 4 skeletal muscle; Myosin heavy chain; Myosin heavy chain IIb; Myosin heavy chain skeletal muscle fetal; Myosin-4; skeletal muscle; anti-MYH4 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	MYH4 Antibody detects endogenous levels of total MYH4.
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-MYH4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MYH4, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



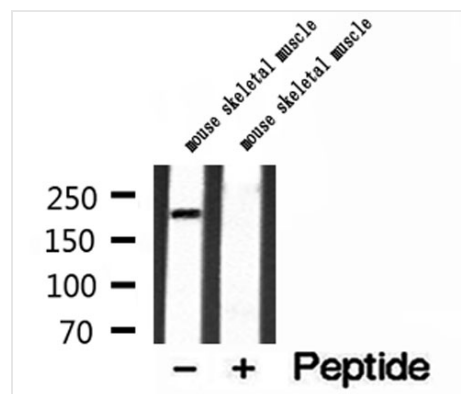
WB (Western Blot)

Western blot analysis of extracts from mouse lung, using MYH4-Specific antibody. Lane 1 was treated with the blocking peptide.



IHC (Immunohistochemistry)

AAA322989 at 1/100 staining rat skin tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts of mouse skeletal muscle tissue, using MYH4-Specific antibody.

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	230kd
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/human-mouse-antibody/myh4-specific/322989>