

Rabbit MYH1 Polyclonal Antibody | anti-MYH1 antibody

MYH1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199089	Rabbit	Tested: Human Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Western Blot

PRODUCT SYNONYMS

MYH1; Polyclonal Antibody; MYH1 antibody - N-terminal region; anti-MYH1 antibody

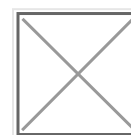
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5mg/ml (varies by lot)
Sequence	Synthetic peptide located within the following region: KT SVFVVDPKES FVKATVQSRE G GKVTAKTEA GATVTVKDDQ VFPMNPPK
Sequence Length	1939
Applicable Applications for anti-MYH1 antibody	WB (Western Blot)
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MYH1
Protein Size (#AA)	1939 Amino Acids
Protein Interactions	KRT13; WWOX; PIK3C3; ARRB1; UBC; STAU1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Host: Rabbit Target Name: MYH1 Sample Tissue: Human OVCAR-3 Antibody Dilution: 1.0ug/ml


WB (Western Blot)

25 ug of the indicated Human whole cell extracts was loaded onto a 6-18% SDS-PAGE gel. 5 ug/mL of the antibody was used in this experiment.



IHC (Immunohistochemistry)

Rabbit Anti-MYH1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Testis
Tissue Observed Staining: Cytoplasm Primary Antibody Concentration: 1:100 Other Working
Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody
Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-MYH1 antibody	This is a rabbit polyclonal antibody against MYH1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Myosin is a major contractile protein which converts chemical energy into mechanical energy through the hydrolysis of ATP. Myosin is a hexameric protein composed of a pair of myosin heavy chains (MYH) and two pairs of nonidentical light chains. Myosin hea
Product Categories/Family for anti-MYH1 antibody	Polyclonal; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	115527082
NCBI GeneID	4619
NCBI Accession #	NP_005954
NCBI GenBank Nucleotide #	NM_005963
UniProt Accession #	P12882
Molecular Weight	223kDa
NCBI Official Full Name	myosin-1
NCBI Official Synonym Full Names	myosin heavy chain 1
NCBI Official Symbol	MYH1
NCBI Official Synonym Symbols	MYHa; HEL71; MYHSA1; MyHC-2x; MyHC-2X/D
NCBI Protein Information	myosin-1
UniProt Protein Name	Myosin-1
UniProt Gene Name	MYH1
UniProt Synonym Gene Names	MyHC-2x; MyHC-IIx/d
UniProt Entry Name	MYH1_HUMAN

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/myh1-antibody-western-blot-elisa/199089>