

Anti-MYH1 antibody



Description	Unconjugated Rabbit polyclonal to MYH1
Model	STJ193139
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Gene ID	4619
Gene Symbol	MYH1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	MYH1 Polyclonal Antibody detects endogenous levels of protein.
Purification	MYH1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Myosin-1 Myosin heavy chain 1 Myosin heavy chain 2x MyHC-2x Myosin heavy chain IIX/d MyHC-IIX/d Myosin heavy chain, skeletal muscle, adult 1
Molecular Weight	213 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.

Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:7567OMIM:160730
Alternative Names	Myosin-1 Myosin heavy chain 1 Myosin heavy chain 2x MyHC-2x Myosin heavy chain IIx/d MyHC-IIx/d Myosin heavy chain, skeletal muscle, adult 1
Function	Muscle contraction.
Sequence and Domain Family	The rodlike tail sequence is highly repetitive, showing cycles of a 28-residue repeat pattern composed of 4 heptapeptides, characteristic for alpha-helical coiled coils.; Limited proteolysis of myosin heavy chain produces 1 light meromyosin (LMM) and 1 heavy meromyosin (HMM). HMM can be further cleaved into 2 globular subfragments (S1) and 1 rod-shaped subfragment (S2).
Cellular Localization	Cytoplasm, myofibril. Thick filaments of the myofibrils.

St John's Laboratory Ltd

F +44 (0)207 681 2580
T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>
E info@stjohnslabs.com