

Anti-MYH2 antibody



Description	Unconjugated Rabbit polyclonal to MYH2
Model	STJ191002
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human MYH2 protein.
Immunogen Region	760-840aa
Gene ID	4620
Gene Symbol	MYH2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	MYH2 Polyclonal Antibody detects endogenous levels of protein.
Purification	MYH2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Myosin-2 Myosin heavy chain 2 Myosin heavy chain 2a MyHC-2a Myosin heavy chain IIa MyHC-IIa Myosin heavy chain, skeletal muscle, adult 2
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:7572OMIM:160740
Alternative Names	Myosin-2 Myosin heavy chain 2 Myosin heavy chain 2a MyHC-2a Myosin heavy chain IIa MyHC-IIa Myosin heavy chain, skeletal muscle, adult 2
Function	Muscle contraction. Required for cytoskeleton organization .
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