

Anti-MYH3 antibody



Description	Unconjugated Rabbit polyclonal to MYH3
Model	STJ191003
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human MYH3 protein.
Immunogen Region	1770-1850aa
Gene ID	4621
Gene Symbol	MYH3
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	MYH3 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed in fetal bone, thymus, placenta, heart, brain, and liver.
Purification	MYH3 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Myosin-3 Muscle embryonic myosin heavy chain Myosin heavy chain 3 Myosin heavy chain, fast skeletal muscle, embryonic SMHCE
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:7573OMIM:160720
Alternative Names	Myosin-3 Muscle embryonic myosin heavy chain Myosin heavy chain 3 Myosin heavy chain, fast skeletal muscle, embryonic SMHCE
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.

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