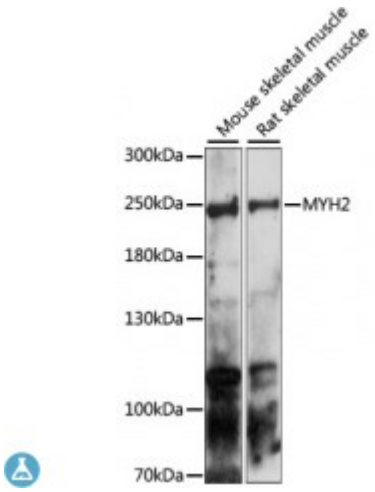
Anti-MYH2 Antibody



Description	Myosins are actin-based motor proteins that function in the generation of mechanical force in eukaryotic cells. Muscle myosins are heterohexamers composed of 2 myosin heavy chains and 2 pairs of nonidentical myosin light chains. This gene encodes a member of the class II or conventional myosin heavy chains, and functions in skeletal muscle contraction. This gene is found in a cluster of myosin heavy chain genes on chromosome 17. A mutation in this gene results in inclusion body myopathy-3. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Model	STJ117487
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 550-650 of human MYH2 (NP_001093582.1).
Gene ID	4620
Gene Symbol	MYH2
Dilution range	WB 1:200 - 1:2000
Purification	Affinity purification
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	223.044 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:7572OMIM:160740Reactome:R-HSA-1445148
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 ,
Cellular Localization	Cytoplasm, myofibril,