

Anti-MYH6 Antibody

**Description**

Cardiac muscle myosin is a hexamer consisting of two heavy chain subunits, two light chain subunits, and two regulatory subunits. This gene encodes the alpha heavy chain subunit of cardiac myosin. The gene is located approximately 4kb downstream of the gene encoding the beta heavy chain subunit of cardiac myosin. Mutations in this gene cause familial hypertrophic cardiomyopathy and atrial septal defect 3.

Model	STJ114830
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human MYH6 (NP_002462.2).
Gene ID	4624
Gene Symbol	MYH6
Dilution range	WB 1:1000 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Myosin-6 Myosin heavy chain 6 Myosin heavy chain cardiac muscle alpha isoform MyHC-alpha
Molecular Weight	223.735 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:7576 OMIM:160710 Reactome:R-HSA-1445148
Alternative Names	Myosin-6 Myosin heavy chain 6 Myosin heavy chain cardiac muscle alpha isoform MyHC-alpha
Function	Muscle contraction
Cellular Localization	Cytoplasm, myofibril,

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