

Datasheet

MYH7 polyclonal antibody (A01)

Catalog Number: H00004625-A01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a partial recombinant MYH7.

Immunogen: MYH7 (NP_000248, 1 a.a. ~ 109 a.a)
partial recombinant protein with GST tag.

Sequence:

MGDSEMAVFGAAAPYLKSEKERLEAQTRPFDLKKDV
FVPDDKQEFVKAKIVSREGGKVTAEYEGKTVTVKED
QVMQQNPPKFDKIEDMAMLTFLHEPAVLYNLKDRY

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4625

Gene Symbol: MYH7

Gene Alias: CMD1S, CMH1, DKFZp451F047,
MGC138376, MGC138378, MPD1, MYHCB, SPMD,
SPMM

Gene Summary: Muscle myosin is a hexameric protein containing 2 heavy chain subunits, 2 alkali light chain subunits, and 2 regulatory light chain subunits. This gene encodes the beta (or slow) heavy chain subunit of cardiac myosin. It is expressed predominantly in normal human ventricle. It is also expressed in skeletal muscle tissues rich in slow-twitch type I muscle fibers. Changes in the relative abundance of this protein and the alpha

(or fast) heavy subunit of cardiac myosin correlate with the contractile velocity of cardiac muscle. Its expression is also altered during thyroid hormone depletion and hemodynamic overloading. Mutations in this gene are associated with familial hypertrophic cardiomyopathy, myosin storage myopathy, dilated cardiomyopathy, and Laing early-onset distal myopathy. [provided by RefSeq]