

MYH1

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 223kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human MYH1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

MYHa; HEL71; MYHSA1; MyHC-2x; MyHC-2X/D;

Catalog #: A6935

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4619

Isotype: IgG

Swiss Prot: P12882

Purity: Affinity purification

For research use only.

Background:

Myosin is a major contractile protein which converts chemical energy into mechanical energy through the hydrolysis of ATP. Myosin is a hexameric protein composed of a pair of myosin heavy chains (MYH) and two pairs of nonidentical light chains. Myosin heavy chains are encoded by a multigene family. In mammals at least 10 different myosin heavy chain (MYH) isoforms have been described from striated, smooth, and nonmuscle cells. These isoforms show expression that is spatially and temporally regulated during development.

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