

## MYH6

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:20 - 1:200

**Calculated MW:** 224kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic peptide of human MYH6

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

ASD3; MYHC; SSS3; CMH14; MYHCA; CMD1EE; alpha-MHC

**Catalog #:** A9516

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 4624

**Isotype:** IgG

**Swiss Prot:** P13533

**Purity:** Affinity purification

For research use only.

**Background:**

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 ~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.

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