

**Anti-Human/Mouse/Rat MYH6 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA05114**

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3th Edition

**Description:**MYH6 (Myosin Heavy Chain 6) is a Protein Coding gene. Diseases associated with MYH6 include Atrial Septal Defect 3 and Cardiomyopathy, Dilated, 1Ee. Among its related pathways are Immune response CCR3 signaling in eosinophils and Cytoskeleton remodeling Regulation of actin cytoskeleton by Rho GTPases. GO annotations related to this gene include protein kinase binding and ATPase activity. An important paralog of this gene is MYH7. 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.

**Antigen:**Synthesized peptide derived from human MYH6

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**