

## MYH6 Polyclonal Antibody

**Catalog No.** E-AB-68021

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

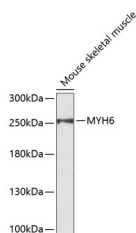
### Description

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| <b>Reactivity</b>   | Mouse,Rat                                               |
| <b>Immunogen</b>    | Recombinant fusion protein of human MYH6 (NP_002462.2). |
| <b>Host</b>         | Rabbit                                                  |
| <b>Isotype</b>      | IgG                                                     |
| <b>Purification</b> | Affinity purification                                   |
| <b>Conjugation</b>  | Unconjugated                                            |
| <b>Buffer</b>       | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.       |

### Applications Recommended Dilution

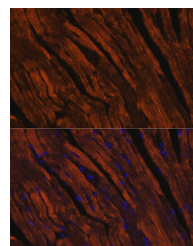
**WB 1:500-1:2000 IF**  
**1:50-1:200**

### Data

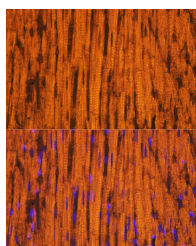


Western blot analysis of extracts of Mouse skeletal muscle using MYH6 Polyclonal Antibody.

**Observed Mw:255kDa**  
**Calculated Mw:223kDa**



Immunofluorescence analysis of Mouse heart using MYH6 Polyclonal Antibody at dilution of 1:100.  
Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Rat heart using MYH6 Polyclonal Antibody at dilution of 1:100.  
Blue: DAPI for nuclear staining.

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### 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 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.