

## MYH7B Recombinant antibody

**Cat:BB35214D**
**Company:** HaoKebio

**Uniprot ID:**A7E2Y1

**Applications:** IHC:1:200-1:1000

**Organism:**Rabbit

IHC-Polymer:1:800-1:4000

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:1000-1:5000

**Molecular Weight Calculation:** 226 kDa

IF:1:50

**Observed Molecular Weight:** 226 kDa

WB:1:1000-1:5000

### Background:

The myosin II molecule is a multi-subunit complex consisting of two heavy chains and four light chains. This gene encodes a heavy chain of myosin II, which is a member of the motor-domain superfamily. The heavy chain includes a globular motor domain, which catalyzes ATP hydrolysis and interacts with actin, and a tail domain in which heptad repeat sequences promote dimerization by interacting to form a rod-like alpha-helical coiled coil. This heavy chain subunit is a slow-twitch myosin. Alternatively spliced transcript variants have been found, but the full-length nature of these variants is not determined.

### Synonyms:

MHC14; MYH14

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Cytoplasm

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

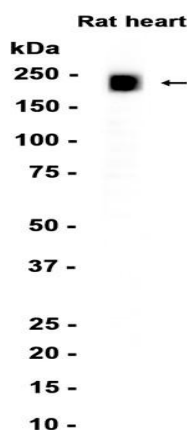
### Storage:

Store at -20 °C for one year.

### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Dilution of 1:1000 incubated at room temperature for 1.5 hours.

### Source of Reagents:

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