

## Sarcomeric Alpha Actinin Recombinant antibody

**Cat:**B35215D

**Company:** HaoKebio

**Uniprot ID:**P35609

**Applications:** IHC:1:100-1:200

**Organism:**Rabbit

IHC-Polymer:1:400-1:800

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:500-1:1000

**Molecular Weight Calculation:** 104 kDa

WB:1:2000-1:20000

**Observed Molecular Weight:** 104 kDa

### Background:

Alpha actinins belong to the spectrin gene super family which represents a diverse group of cytoskeletal proteins, including the alpha and beta spectrins and dystrophins. Alpha actinin is an actin-binding protein with multiple roles in different cell types. In nonmuscle cells, the cytoskeletal isoform is found along microfilament bundles and adherens-type junctions, where it is involved in binding actin to the membrane. In contrast, skeletal, cardiac, and smooth muscle isoforms are localized to the Z-disc and analogous dense bodies, where they help anchor the myofibrillar actin filaments. This gene encodes a muscle-specific, alpha actinin isoform that is expressed in both skeletal and cardiac muscles. Several transcript variants encoding different isoforms have been found for this gene.

### Synonyms:

CMH23; CMD1AA

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

the sarcomeric Z-disc of cardiac and skeletal muscle cells

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

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

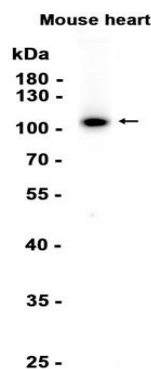
### Storage:

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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发表[英文论文]请标注:Sarcomeric Alpha Actinin(B35215D) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

