

# 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 a dherens-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.

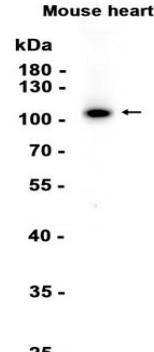
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

**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:**

**Synonyms:**

CMH23; CMD1AA

**Immunogen:**

Recombinant protein

**Isotype:**

IgG

**Subcellular location:**

the sarcomeric Z-disc of cardiac and skeletal muscle cells

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

**Source of Reagents:**

发表[中文论文]请标注:Sarcomeric Alpha Actinin(B35215D)由杭州浩克生物技术有限公司提供;

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

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**

