

## Rabbit Anti-Sarcomeric Alpha Actinin antibody

SL10367R

**Product Name** Sarcomeric Alpha Actinin

**Chinese Name**  $\alpha$  横纹肌辅肌动蛋白/ $\alpha$ -SCA 抗体

**Alias** Actin binding protein; Actinin alpha 2; ACTN 2; ACTN2; ACTN2\_HUMAN; Alpha actinin 2; Alpha actinin skeletal muscle; Alpha actinin skeletal muscle isoform 2; Alpha-actinin skeletal muscle isoform 2; Alpha-actinin-2; CMD1AA; F actin cross linking protein; F-actin cross-linking protein; Alpha-SCA;sm Actinin-Alpha.

**Immunogen Species** Rabbit

**Clonality** Polyclonal

**React Species** Human, Mouse, Rat, (predicted: Chicken, Dog, Pig, Cow, Horse, Rabbit, Sheep, )  
IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)

**Applications** not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.

**Theoretical molecular weight** 98kDa

**Cellular localization** cytoplasmic

**Form** Liquid

**Concentration** 1mg/ml

**immunogen** KLH conjugated synthetic peptide derived from human Sarcomeric Alpha Actinin: 351-450/894

**Lsotype** IgG

**Purification** affinity purified by Protein A

**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

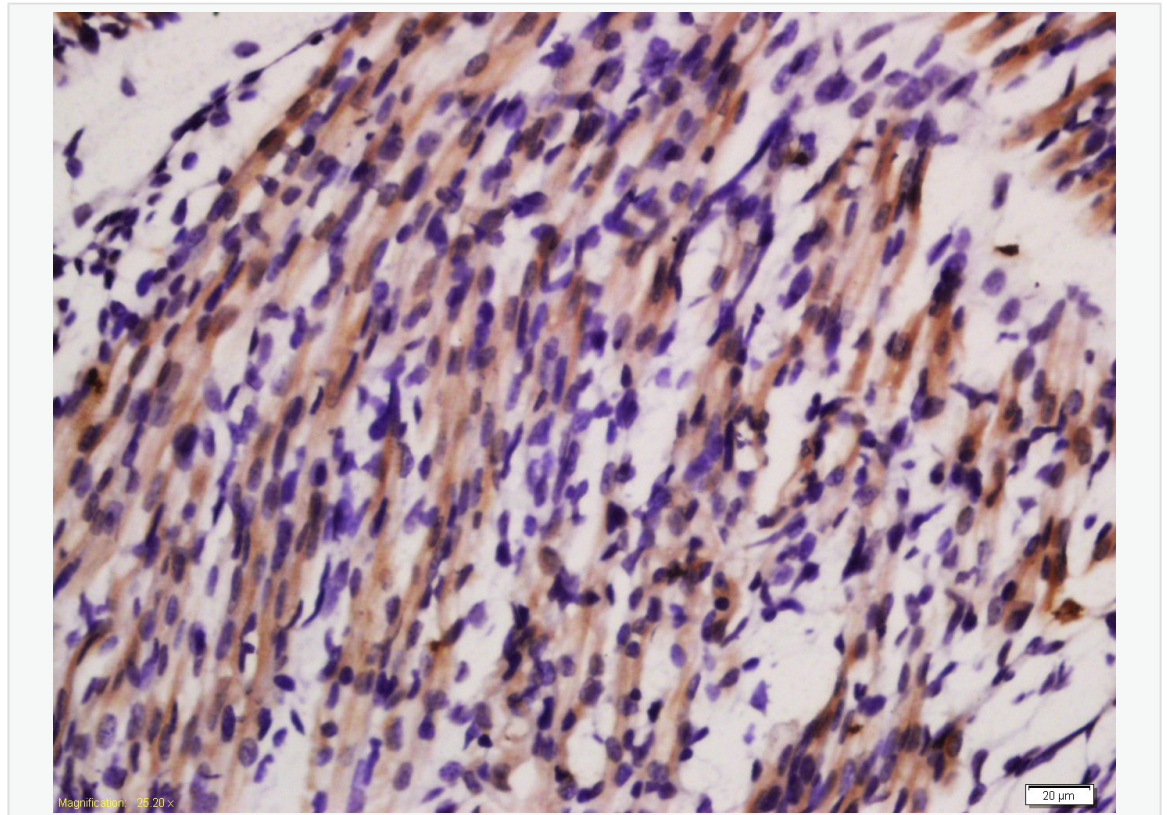
**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

**Attention** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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**Detail**

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**Product**  
**Picture**

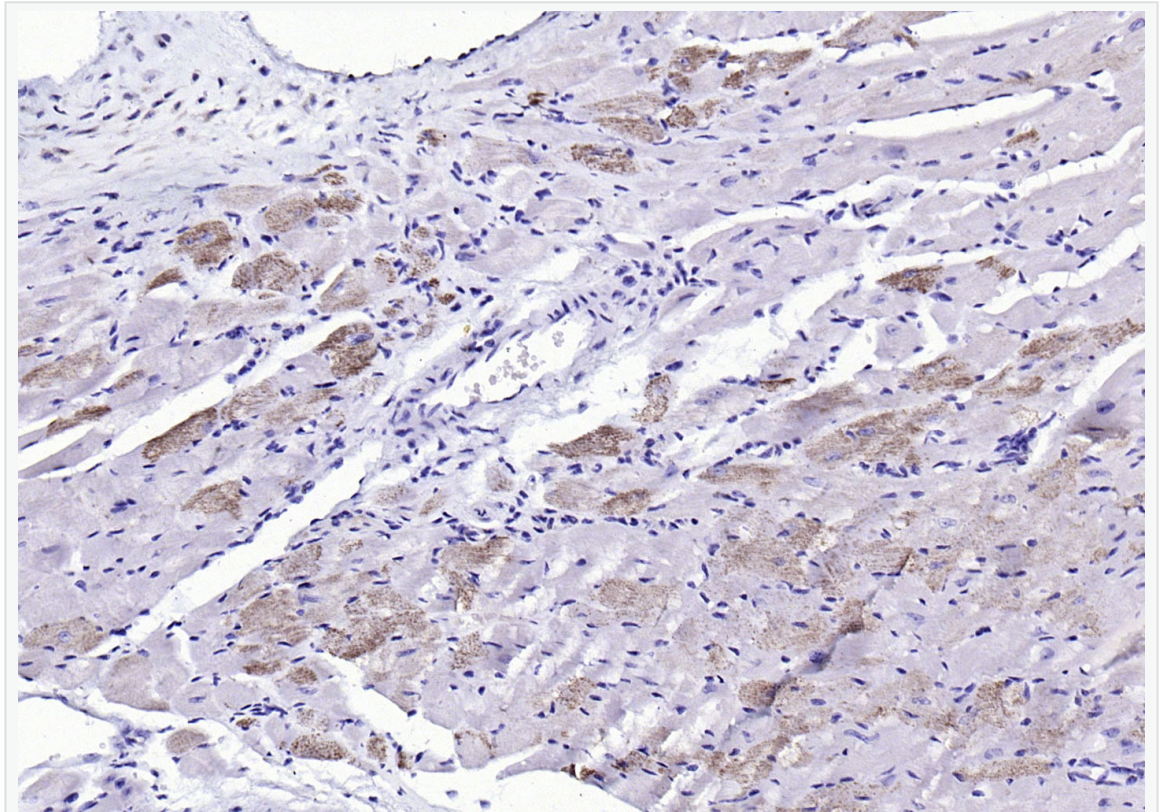


Tissue/cell: mouse embryos tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

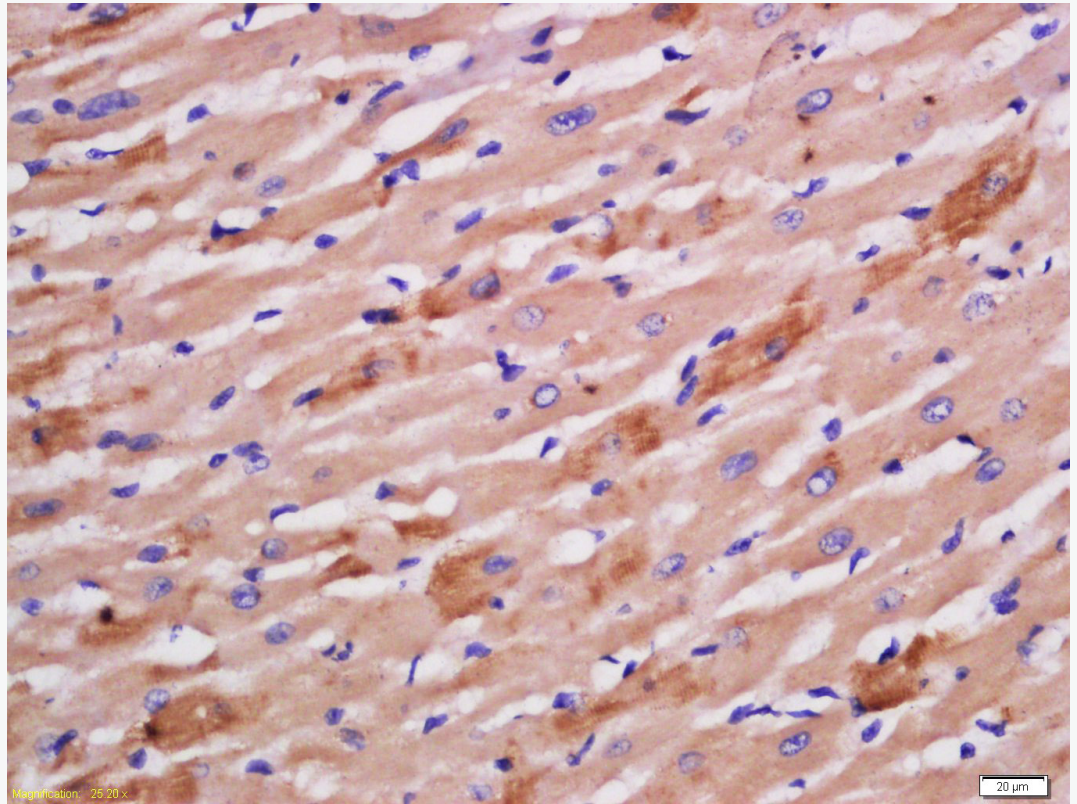
Antigen retrieval: citrate buffer ( 1M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-Sarcomeric Alpha Actinin Polyclonal Antibody,

Unconjugated(SL10367R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (mouse heart); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Sarcomeric Alpha Actinin) Polyclonal Antibody, Unconjugated (SL10367R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: rat heart tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;  
Antigen retrieval: citrate buffer ( 1M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;  
Incubation: Anti-Sarcomeric Alpha Actinin Polyclonal Antibody,  
Unconjugated(SL10367R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining