

Alpha Actinin Recombinant antibody

Cat:B36455S

Company: HaoKebio

Uniprot ID:P12814

Applications: IHC:1:750-1:3000

Organism:Rabbit

IHC-Polymer:1:3000-1:12000

Species reactivity:Human Mouse Rat

IHC-TSA:1:3500-1:15000

Molecular Weight Calculation: 103 kDa

IF:1:50-1:150

Observed Molecular Weight: 100-105 kDa

WB:1:5000-1:50000

Background:

Alpha Actinins are highly conserved actin-binding proteins that form antiparallel homodimers with the actin-binding domains on each end of the molecule, allowing crosslinking of actin molecules.

There are four alpha actinin isoforms identified: two ubiquitously expressed cytoskeletal isoforms (ACTN1 and ACTN4) and two striated muscle-specific sarcomeric isoforms (ACTN2 and ACTN3). ACTN1 is also alternatively spliced to form smooth muscle or brain specific isoforms. This antibody recognize endogenous ACTN1, while it may cross-react with ACTN2 and ACTN4.

Synonyms:

ACTN1, Alpha actinin 1, actin, actinin, alpha 1, ACTN 1

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.

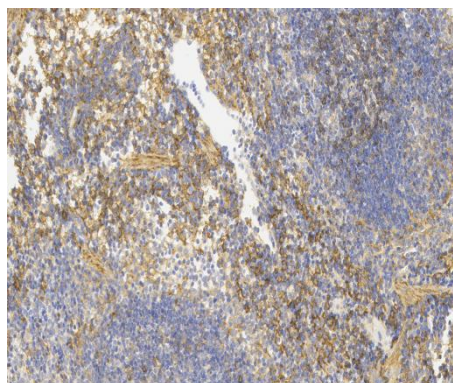
Storage:

Store at -20 °C for one year.

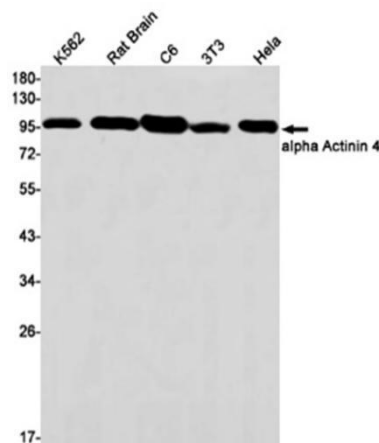
Experimental procedure:

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:



Sample: Mouse spleen, 4% PFA 12-24h



Dilution of 1:20000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:Alpha Actinin(B36455S)由杭州浩克生物技术有限公司提供;

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