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Alpha actinin 2 Rabbit mAb

货号: AYM30065

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IP:** 1:20 - 1:50
理论分子量	103kDa
实测分子量	103kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	RD,Mouse lung,Mouse skeletal muscle,Mouse heart,Rat skeletal muscle
细胞定位	Cytoplasm,Z line,myofibril,sarcomere
纯化	Affinity purification

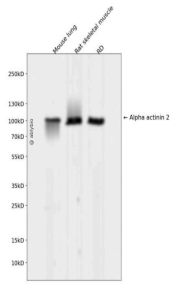
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Alpha actinin 2.

靶点信息

研究背景	Alpha actinins belong to the spectrin gene superfamily 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. [provided by RefSeq, May 2013]
基因ID	88
基因名	ACTN2
Swiss	P35609 (https://www.uniprot.org/uniprotkb/P35609/entry)
别名	Alpha actinin 2,Alpha actinin 2 Rabbit mAb,ACTN2,Alpha-actinin skeletal muscle isoform 2,F-actin cross-linking protein

产品验证



Western blot analysis of Alpha actinin 2 expressed in Mouse lung,Rat skeletal muscle,RD using Alpha actinin 2 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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