

Actinin- α 2 (2K16) Rabbit Monoclonal Antibody

Catalog# HZ-YMA00501

Product information

产品货号	HZ-YMA00501
别名	ACTN2;Alpha-actinin-2;Alpha-actinin skeletal muscle isoform 2;F-actin cross-linking protein;ACTN3
产品名称	Actinin- α 2 (2K16) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	ACTN2
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,IP,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	88
Human Swissprot No.	P35609
稀释度	IHC-P 1:200-1:1000, WB 1:500-1:2000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:5000-1:20000, IP 1:50-1:200
参考分子量	104kDa
预测分子量	104kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	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],
细胞定位	Cytoplasm, myofibril, sarcomere, Z line . Colocalizes with MYOZ1 and FLNC at the Z-lines of skeletal muscle.
纯化	Protein A
Clonality	Monoclonal