

ARG55136 anti-alpha Actinin 3 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes alpha Actinin 3
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	alpha Actinin 3
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 409-437 (Center) of Human alpha Actinin 3.
Conjugation	Un-conjugated
Alternate Names	Alpha-actinin skeletal muscle isoform 3; F-actin cross-linking protein; Alpha-actinin-3

Application Instructions

Application table	Application	Dilution
	IHC-P	Assay-dependent
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	MDA-MB-231	

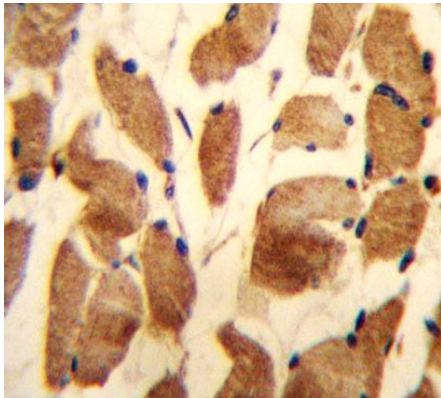
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

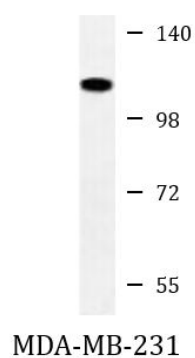
Database links	GeneID: 89 Human Swiss-port # Q08043 Human
Gene Symbol	ACTN3
Gene Full Name	actinin, alpha 3 (gene/pseudogene)
Background	This gene encodes a member of the alpha-actin binding protein gene family. The encoded protein is primarily expressed in skeletal muscle and functions as a structural component of sarcomeric Z line. This protein is involved in crosslinking actin containing thin filaments. An allelic polymorphism in this gene results in both coding and non-coding variants; the reference genome represents the coding allele. The non-functional allele of this gene is associated with elite athlete status. [provided by RefSeq, Feb 2014]
Function	F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein. [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	103 kDa

Images



ARG55136 anti-alpha Actinin 3 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human skeletal muscle stained with ARG55136 anti-alpha Actinin 3 antibody.



ARG55136 anti-alpha Actinin 3 antibody WB image

Western blot: 35 µg of MDA-MB-231 cell lysate stained with ARG55136 anti-alpha Actinin 3 antibody.