

Datasheet for ABIN656261
anti-ACTN3 antibody (AA 409-437)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	ACTN3
Binding Specificity:	AA 409-437
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTN3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ACTN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 409-437 amino acids from the Central region of human ACTN3.
Clone:	RB31768
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ACTN3
Alternative Name:	ACTN3 (ACTN3 Products)
Background:	Alpha-actinin is an actin-binding protein with multiple roles in different cell types. This gene

Target Details

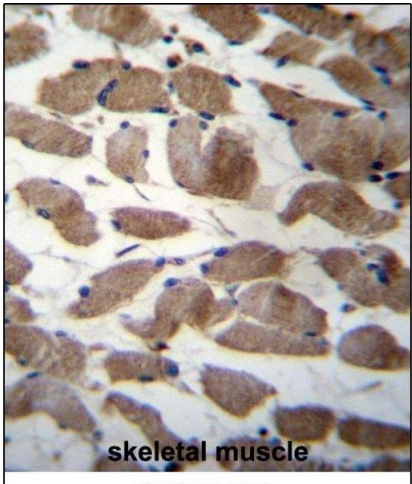
	expression is limited to skeletal muscle. It is localized to the Z-disc and analogous dense bodies, where it helps to anchor the myofibrillar actin filaments
Molecular Weight:	103241
Gene ID:	89
NCBI Accession:	NP_001095
UniProt:	Q08043
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

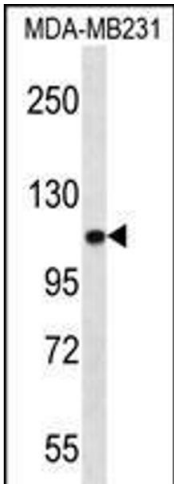
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	ACTN3 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. ACTN3 Antibody (Center) (ABIN656261 and ABIN2845575) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ACTN3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. ACTN3 Antibody (Center) (ABIN656261 and ABIN2845575) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the ACTN3 antibody detected the ACTN3 protein (arrow).