

Datasheet for ABIN7444097
anti-ACTN3 antibody (AA 162-416)

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ACTN3
Binding Specificity:	AA 162-416
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTN3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Actinin Alpha 3 (ACTN3)
Immunogen:	Recombinant Actinin Alpha 3 (ACTN3) corresponding to Glu162~Lys416 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ACTN3. It has been selected for its ability to recognize ACTN3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

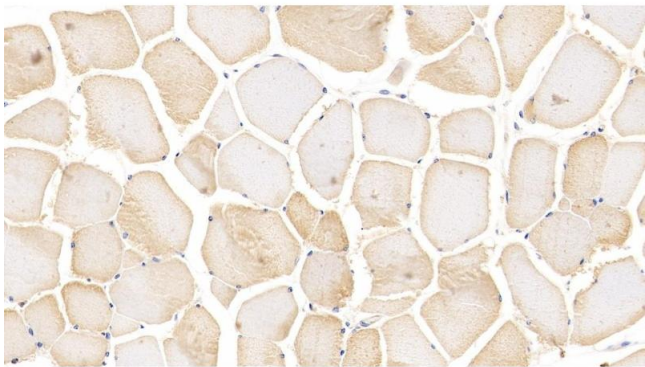
Target:	ACTN3
Alternative Name:	Actinin Alpha 3 (ACTN3 Products)
Background:	Alpha-actinin skeletal muscle isoform 3, F-actin cross-linking protein
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:250-1000 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

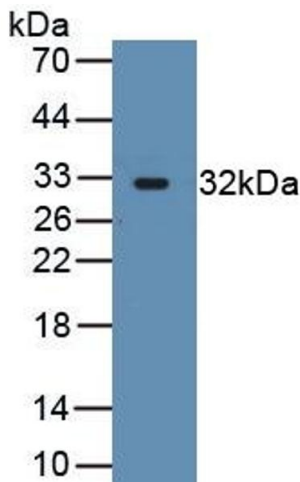
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of ACTN3 in Human Skeletal muscle Tissue using Polyclonal Antibody to Actinin Alpha 3 (ACTN3)



Western Blotting

Image 2. Detection of Recombinant ACTN3, Human using Polyclonal Antibody to Actinin Alpha 3 (ACTN3)