

Product datasheet

Anti-ACTN3 antibody [EP2531Y] ab68204

重组 RabMAb

★★★★★ 4 Abreviews 3 图像

概述

产品名称	Anti-ACTN3抗体[EP2531Y]
描述	兔单克隆抗体[EP2531Y] to ACTN3
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB, IHC-P, Flow Cyt 不适用于: IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	A synthetic peptide corresponding to residues on the N-terminus of human ACTN3.
阳性对照	Human skeletal muscle lysate and human muscle tissue
常规说明	This product is a recombinant rabbit monoclonal antibody.

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#)

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.01% Sodium azide Constituents: 50% Glycerol, 0.05% BSA
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EP2531Y
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab68204** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
ICC/IF	★★★★☆	1/100 - 1/250.
WB	★★★★★	1/5000 - 1/10000. Detects a band of approximately 103 kDa (predicted molecular weight: 103 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
Flow Cyt		1/200. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

应用说明 Is unsuitable for IP.

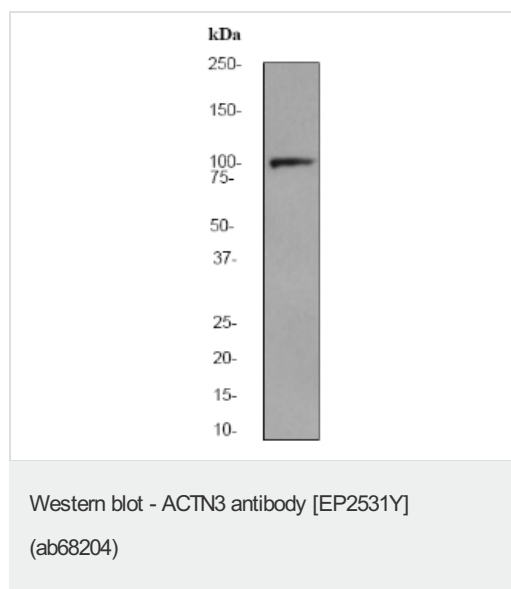
靶标

功能 F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.

组织特异性 Expressed only in a subset of type 2 skeletal muscle fibers.

序列相似性 Belongs to the alpha-actinin family.
Contains 1 actin-binding domain.
Contains 2 CH (calponin-homology) domains.
Contains 2 EF-hand domains.
Contains 4 spectrin repeats.

图片



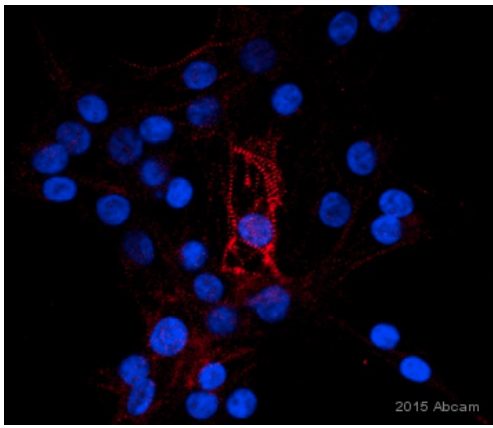
Anti-ACTN3 antibody [EP2531Y] (ab68204) at 1/10000 dilution + human skeletal muscle lysate at 10 µg

Secondary

HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 103 kDa

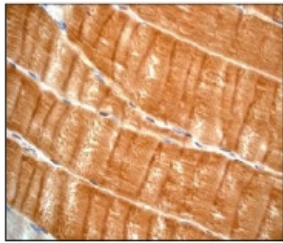
Observed band size: 103 kDa



Immunocytochemistry/ Immunofluorescence - Anti-
ACTN3 antibody [EP2531Y] (ab68204)

This image is courtesy of an anonymous Abreview

ab68204 staining ACTN3 in human pluripotent stem cell derived cardiomyocyte by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with paraformaldehyde, permeabilized with saponin and blocked with 5% serum for 15 minutes at room temperature. Samples were incubated with primary antibody (1/100) for 16 hours at 4°C. An Alexa Fluor[®] 568-conjugated goat anti-rabbit IgG polyclonal (1/1000) was used as the secondary antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - ACTN3 antibody [EP2531Y]
(ab68204)

Immunohistochemical analysis of paraffin-
embedded human muscle tissue using
ab68204 at 1/100-1/250 dilution.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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