

## Rabbit ACTN3 Polyclonal Antibody | anti-ACTN3 antibody

ACTN3 Rabbit Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA313342</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

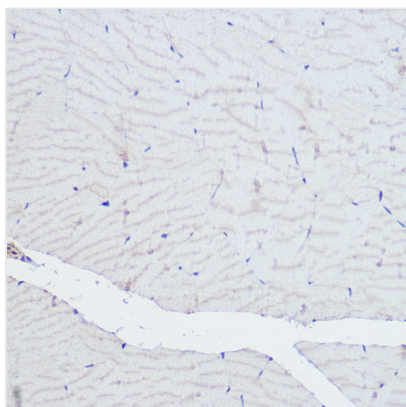
### PRODUCT SYNONYMS

ACTN3; Polyclonal Antibody; ACTN3 Rabbit Polyclonal Antibody; anti-ACTN3 antibody

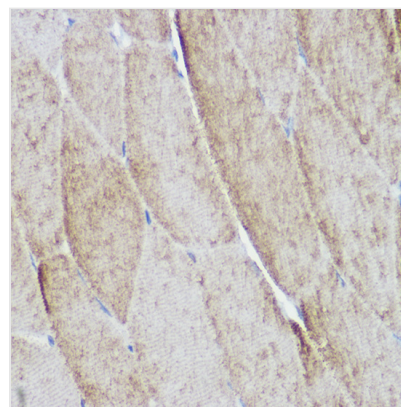
### PRODUCT SPECIFICATIONS

|                                                 |                                                          |
|-------------------------------------------------|----------------------------------------------------------|
| Host                                            | Rabbit                                                   |
| Reactivity                                      | Human, Mouse, Rat                                        |
| Clonality                                       | Polyclonal                                               |
| Isotype                                         | IgG                                                      |
| Purity/Purification                             | Affinity purification                                    |
| Form/Format                                     | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.        |
| Applicable Applications for anti-ACTN3 antibody | IHC (Immunohistochemistry), WB (Western Blot)            |
| Immunogen                                       | Recombinant fusion protein of human ACTN3 (NP_001095.2). |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.         |

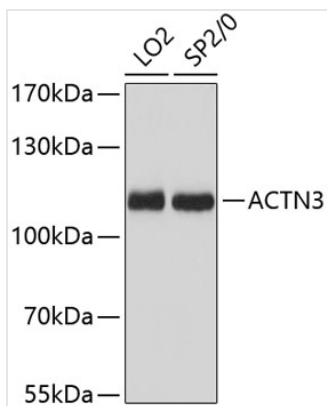
### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded rat skeletal muscle using ACTN3 Rabbit pAb.


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded mouse skeletal muscle using ACTN3 Rabbit pAb.



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ACTN3 antibody.

## ADDITIONAL INFORMATION

#### Related Product Information for anti-ACTN3 antibody

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.

#### Product Categories/Family for anti-ACTN3 antibody

Primary Antibody

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                               |
|----------------------------------|-------------------------------------------------------------------------------|
| NCBI GI #                        | 385648244                                                                     |
| NCBI GeneID                      | 89                                                                            |
| NCBI Accession #                 | NP_001245300.1                                                                |
| NCBI GenBank Nucleotide #        | NM_001258371.1                                                                |
| UniProt Accession #              | Q08043; Q4KKV2; A6NP77                                                        |
| Molecular Weight                 | 103,241 Da                                                                    |
| NCBI Official Full Name          | alpha-actinin-3 isoform 2                                                     |
| NCBI Official Synonym Full Names | actinin, alpha 3                                                              |
| NCBI Official Symbol             | ACTN3                                                                         |
| NCBI Protein Information         | alpha-actinin-3; F-actin cross-linking protein; alpha-actinin skeletal muscle |
| UniProt Protein Name             | Alpha-actinin-3                                                               |
| UniProt Gene Name                | <b>ACTN3</b>                                                                  |
| UniProt Entry Name               | ACTN3_HUMAN                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/actn3-antibody-immunohistochemistry-western-blot-elisa/313342>