

Rabbit ACTN3 Polyclonal Antibody | anti-ACTN3 antibody

ACTN3 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199018	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

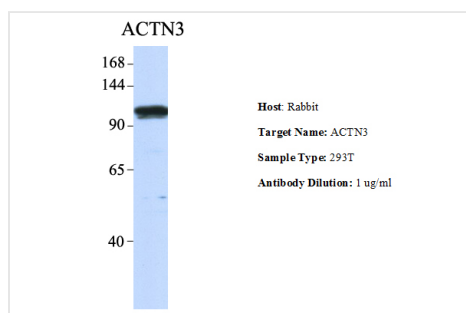
PRODUCT SYNONYMS

ACTN3; Polyclonal Antibody; ACTN3 antibody - N-terminal region; anti-ACTN3 antibody

PRODUCT SPECIFICATIONS

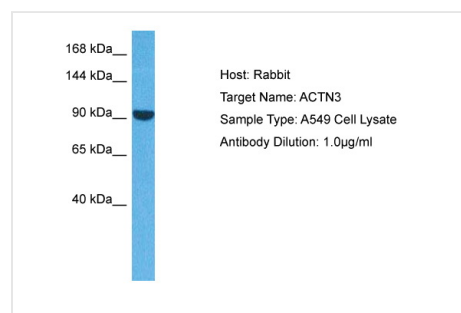
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VQ NFHTSWKDGL ALCALIHRRH PDLIDYAKLR KDDPIGNLNT AFEVAEKY
Sequence Length	901
Applicable Applications for anti-ACTN3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ACTN3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



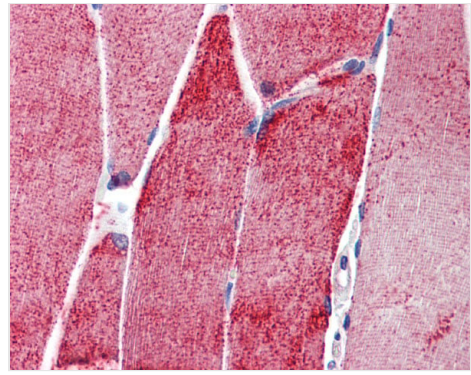
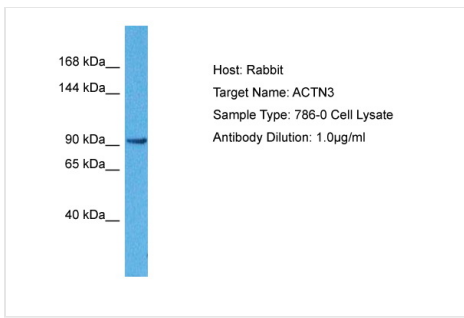
WB (Western Blot)

Host: Rabbit Target Name: ACTN3 Sample Type: Human 293T Antibody Dilution: 1.0 ug/ml



WB (Western Blot)

Host: Rabbit Target Name: ACTN3 Sample Tissue: Human A549 Whole Cell Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)
Skeletal muscle

WB (Western Blot)

Host: Rabbit
Target Name: ACTN3
Sample Tissue: Human 786-0 Whole Cell
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ACTN3 antibody

This is a rabbit polyclonal antibody against ACTN3. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: Alpha-actinin is an actin-binding protein with multiple roles in different cell types. This protein 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. Alpha-actinin is an actin-binding protein with multiple roles in different cell types. This gene 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. **Publication Note:** This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Product Categories/Family for anti-ACTN3 antibody

[Polyclonal](#); [Transcription Factor](#); [Signal Proteins](#); [Chromatin & Nuclear Signaling](#); [Disease Related](#); [DNA/RNA/Protein Interactions](#); [Immunohistochemistry](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	585866354
NCBI GeneID	89
NCBI Accession #	NP_001095
NCBI GenBank Nucleotide #	NM_001104
UniProt Accession #	Q08043
Molecular Weight	103kDa
NCBI Official Full Name	alpha-actinin-3 isoform 1
NCBI Official Synonym Full Names	actinin alpha 3 (gene/pseudogene)
NCBI Official Symbol	ACTN3
NCBI Official Synonym Symbols	ACTN3D
NCBI Protein Information	alpha-actinin-3
UniProt Protein Name	Alpha-actinin-3
UniProt Gene Name	ACTN3
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.

