

Rabbit ACTN3 Polyclonal Antibody | anti-ACTN3 antibody

Anti-ACTN3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105150	Rabbit	Human, Mouse, Rat, Bovine, Rabbit	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

ACTN3; Polyclonal Antibody; Anti-ACTN3 Antibody; Alpha-actinin-3; Alpha-actinin skeletal muscle isoform 3; F-actin cross-linking protein; anti-ACTN3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Rabbit
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of ACTN3 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	901
Applicable Applications for anti-ACTN3 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ACTN3. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of ACTN3 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of ACTN3 expression in HeLa (A), mouse muscle (B), rat muscle (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTN3 antibody	Rabbit polyclonal antibody to ACTN3
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NCBI AND UNIPROT INFORMATION

NCBI GI #	585866354
NCBI GeneID	89

NCBI Accession #	NP_001095.2
NCBI GenBank Nucleotide #	NM_001104.3
UniProt Accession #	Q08043 ; Q4KKV2 ; A6NP77
Molecular Weight	103,241 Da
NCBI Official Full Name	alpha-actinin-3 isoform 1
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	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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/actn3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/105150>