

Rabbit anti-Human ACTN3 Polyclonal Antibody | anti-ACTN3 antibody

ACTN3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284925	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

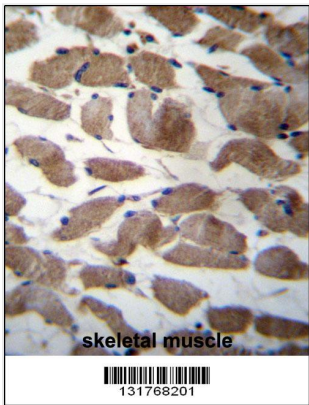
PRODUCT SYNONYMS

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

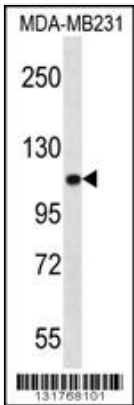
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ACTN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 409-437 amino acids from the Central region of human ACTN3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.32 (varies by lot)
Sequence Positions	409-437
Sequence Length	901
Applicable Applications for anti-ACTN3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
ACTN3 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of ACTN3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
ACTN3 Antibody (Center) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the ACTN3 antibody detected the ACTN3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ACTN3 antibody	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
Product Categories/Family for anti-ACTN3 antibody	Signal Transduction
References	Rodriguez-Romo, G., et al. Eur. J. Appl. Physiol. 110(6):1099-1106(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Berman, Y., et al. Physiology (Bethesda) 25(4):250-259(2010) Ruiz, J.R., et al. Scand J Med Sci Sports (2010) In press : Buxens, A., et al. Scand J Med Sci Sports (2010) In press :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557241
NCBI GeneID	89
NCBI Accession #	NP_001095.1
NCBI GenBank Nucleotide #	NM_001104.2
UniProt Accession #	Q08043; Q4KKV2; A6NP77
Molecular Weight	103241
NCBI Official Full Name	alpha-actinin-3 isoform 1
NCBI Official Synonym Full Names	actinin, alpha 3 (gene/pseudogene)
NCBI Official Symbol	ACTN3
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/actn3-antibody-immunohistochemistry-western-blot-elisa/284925>