

Rabbit anti-Human ACTN2 Polyclonal Antibody | anti-ACTN2 antibody

Rabbit Polyclonal to Human ACTN2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51152	Rabbit	Human	Western Blot, Immunofluorescence, Immunocytochemistry, Immunohistochemistry

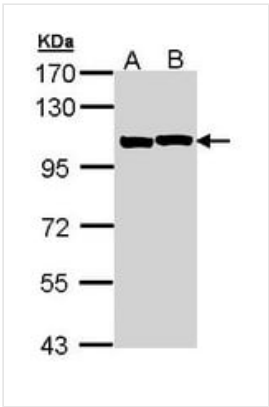
PRODUCT SYNONYMS

ACTN2; Polyclonal Antibody; Rabbit Polyclonal to Human ACTN2; Anti-ACTN2 Antibody IHC-plus; Actinin; alpha 2; Alpha-actinin skeletal muscle; CMD1AA; F-actin cross-linking protein; Alpha-actinin-2; Human ACTN2; anti-ACTN2 antibody

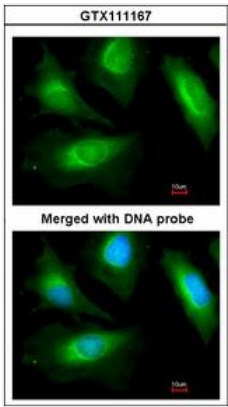
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human alpha Actinin 2. Predicted cross-reactivity based on amino acid sequence homology: mouse (100%), rat (85%), bovine (84%), monkey (100%), zebrafish (86%).
Purity/Purification	Immunoaffinity Purified
Form/Format	0.1 M Tris-glycine, pH 7, 10% Glycerol, 0.01% Thimerosal
Concentration	1 mg/ml (varies by lot)
Sequence Length	894
Applicable Applications for anti-ACTN2 antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant protein fragment containing a sequence corresponding to a region within amino acids 215 and 500 of actinin, alpha 2.
Immunogen Type	Recombinant protein
Immunogen	ACTN2 antibody was raised against recombinant protein fragment containing a sequence corresponding to a region within amino acids 215 and 500 of actinin, alpha 2.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

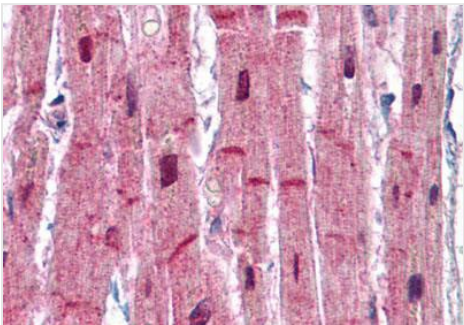
IMAGES



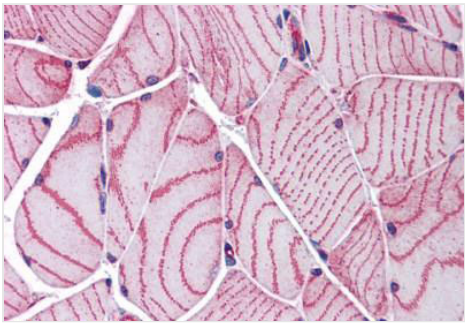
WB (Western Blot)
Sample (30 ug of whole cell lysate). A: A431. B: H1299. 7.5% SDS PAGE. ACTN2 antibody diluted at 1:1000.



IF (Immunofluorescence)
Immunofluorescence of paraformaldehyde-fixed HeLa, using actinin, alpha 2 antibody at 1:200 dilution.



IHC (Immunohistochemistry)
Anti-ACTN2 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



IHC (Immunohistochemistry)
Anti-ACTN2 antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501893
NCBI GeneID	88
NCBI Accession #	NP_001094.1
NCBI GenBank Nucleotide #	NM_001103.3
UniProt Accession #	P35609; Q86TF4; Q86TI8; B1ANE4; B2RCS5
Molecular Weight	103,920 Da
NCBI Official Full Name	alpha-actinin-2 isoform 1
NCBI Official Synonym Full Names	actinin, alpha 2
NCBI Official Symbol	ACTN2
NCBI Official Synonym Symbols	CMD1AA
NCBI Protein Information	alpha-actinin-2; F-actin cross-linking protein; alpha-actinin skeletal muscle
UniProt Protein Name	Alpha-actinin-2
UniProt Gene Name	ACTN2
UniProt Entry Name	ACTN2_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://www.aaabiotech.com/polyclonal/actn2-antibody-western-blot-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/51152>