

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

ACTN2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243757	Rabbit	Human, Rat	Immunohistochemistry, Western Blot, ELISA

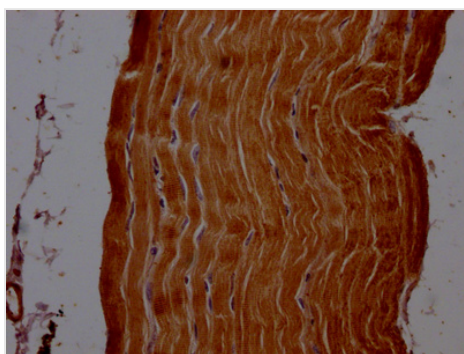
PRODUCT SYNONYMS

ACTN2; Polyclonal Antibody; ACTN2 Antibody; Alpha-actinin-2 (Alpha-actinin skeletal muscle isoform 2) (F-actin cross-linking protein); anti-ACTN2 antibody

PRODUCT SPECIFICATIONS

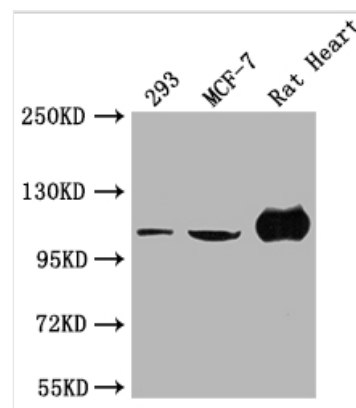
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH7.4
Applicable Applications for anti-ACTN2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugation	Non-conjugated
Immunogen	Recombinant Human Alpha-actinin-2 protein (1-301AA)
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image diluted at 1:200 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western Blot Positive WB detected in: 293 whole cell lysate, MCF-7 whole cell lysate, Rat Heart tissue. All lanes: ACTN2 antibody at 1:2000. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 104 kDa. Observed band size: 104 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTN2 antibody	F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.
Product Categories/Family for anti-ACTN2 antibody	Others

NCBI AND UNIPROT INFORMATION

NCBI GI #	507588250
NCBI GeneID	88
NCBI Accession #	NP_001265273.1
NCBI GenBank Nucleotide #	NM_001278344.1
UniProt Accession #	P35609; Q86TF4; Q86TI8; B1ANE4
Molecular Weight	103,854 Da
NCBI Official Full Name	alpha-actinin-2 isoform 3
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://stage.aaabiotech.com/polyclonal/actn2-antibody-immunohistochemistry-western-blot-elisa/243757>