

Rabbit Actinin alpha-2/3 Polyclonal Antibody | anti-ACTN2 antibody

Actinin alpha-2/3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA317475	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

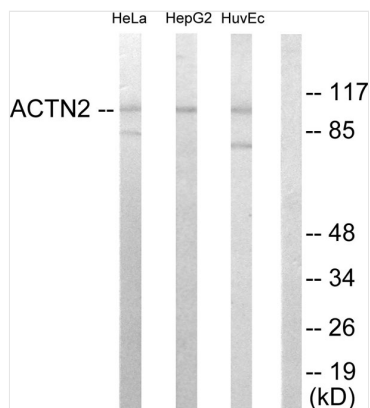
PRODUCT SYNONYMS

Actinin alpha-2/3; Polyclonal Antibody; Actinin alpha-2/3 Antibody; Alpha-actinin-2; Alpha-actinin skeletal muscle isoform 2; F-actin cross-linking protein; ACTN2; Alpha-actinin-3; Alpha-actinin skeletal muscle isoform 3; ACTN3; anti-ACTN2 antibody

PRODUCT SPECIFICATIONS

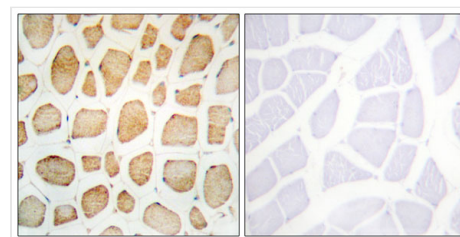
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Actinin alpha-2/3 Antibody detects endogenous levels of total Actinin alpha-2/3 protein.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	894
Applicable Applications for anti-ACTN2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human Actinin alpha-2/3.
Immunogen Range	31-80
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



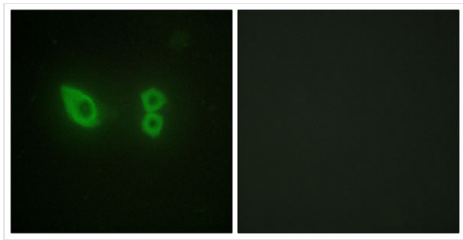
WB (Western Blot)

Western blot analysis of lysates from HepG2, HeLa, and HUVEC cells, using Actinin alpha-2/3 Antibody. The lane on the right is blocked with the synthesized peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue, using Actinin alpha-2/3 Antibody. The picture on the right is blocked with the synthesized peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using Actinin alpha-2/3 Antibody. The picture on the right is blocked with the synthesized peptide.

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 kDa
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	CMH23; CMD1AA
NCBI Protein Information	alpha-actinin-2
UniProt Protein Name	Alpha-actinin-2
UniProt Gene Name	ACTN2

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/actinin-alpha-2-3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/317475>