

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

Actin alpha-2/3 Antibody

CATALOG # AAA303864	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Actin a-2/3 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	894
Applicable Applications for anti-ACTN2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from N-terminal of human Actin a-2/3.
Target Name	Actin a-2/3
Preparation and Storage	Store at -20 degree C

IMAGES



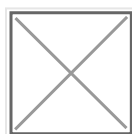
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using Actin a-2/3 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue using Actin a-2/3 antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, HepG2 cells and HUVEC cells, using Actin a-2/3 antibody.

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.Beggs A.H., J. Biol. Chem. 267:9281-9288(1992).Tiso N., Biochem. Biophys. Res. Commun. 265:256-259(1999).Faulkner G., J. Cell Biol. 146:465-475(1999).
Product Categories/Family for anti-ACTN2 antibody	Total protein Ab

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	CMH23; CMD1AA
NCBI Protein Information	alpha-actinin-2
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/actin-alpha-2-3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/303864>