

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

Actinin alpha-2/3 Antibody

CATALOG # AAA109627	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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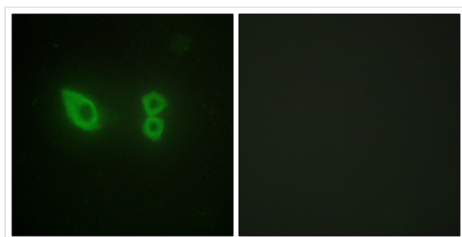
PRODUCT SYNONYMS

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

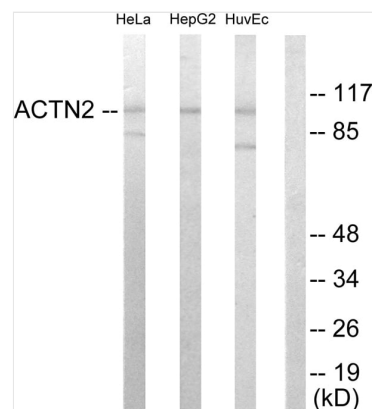
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Actin alpha-2/3 antibody detects endogenous levels of total Actin alpha-2/3 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	894
Applicable Applications for anti-ACTN2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from N-terminal of human Actin alpha-2/3.
Preparation and Storage	Store at -20 degree C for 1 year.

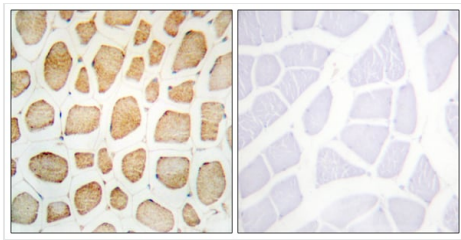
IMAGES


IF (Immunofluorescence)

Peptide-+ Immunofluorescence analysis of HeLa cells, using Actin alpha-2/3 antibody.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue using Actin alpha-2/3 antibody. Western blot analysis of extracts from HeLa cells, HepG2 cells and HUVEC cells, using Actin alpha-2/3 antibody.



Application Data
Peptide+

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACTN2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	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).

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

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/human-mouse-rat-antibody/actinin-alpha-2-3/109627>