

Actin-alpha-1 Antibody | anti-ACTA1 antibody

Actin-alpha-1 Antibody

CATALOG # AAA109876	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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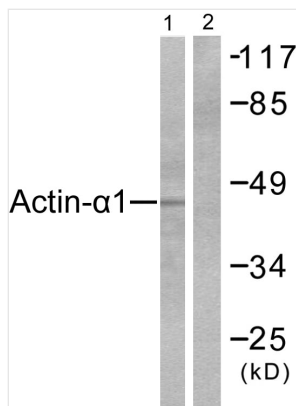
PRODUCT SYNONYMS

Actin-alpha-1; Actin-alpha-1 Antibody; ACTA; ACTS; Actin; alpha skeletal muscle; Alpha-actin 1; anti-ACTA1 antibody

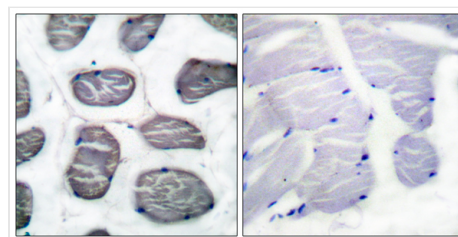
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Actin-alpha-1 antibody detects endogenous levels of total Actin-alpha-1 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	377
Applicable Applications for anti-ACTA1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human Actin-alpha-1.
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES


WB (Western Blot)

Western blot analysis of extracts from LOVO cells, using Actin-alpha-1 antibody.


IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human muscle tissue using Actin-alpha-1 antibody.

ADDITIONAL INFORMATION

References	Atsushi Masamune, J. Pharmacol. Exp. Ther., Jan 2003; 304 Alicia Algeciras-Schimmich, PNAS, Sep 2003; 100: 11445. Richard D. Peavy, Mol. Pharmacol., Jun 2005; 67: 2102-2114. Xiaobing Deng, J. Biol. Chem., Feb 2005; 280: 4894-4905.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4501881
NCBI GeneID	58
NCBI Accession #	NP_001091.1
NCBI GenBank Nucleotide #	NM_001100.3
UniProt Accession #	P68133; P02568; P99020; Q5T8M9
Molecular Weight	42,051 Da
NCBI Official Full Name	actin, alpha skeletal muscle
NCBI Official Synonym Full Names	actin, alpha 1, skeletal muscle
NCBI Official Symbol	ACTA1
NCBI Official Synonym Symbols	ACTA; ASMA; CFTD; MPFD; NEM1; NEM2; NEM3; SHPM; CFTD1; CFTDM
NCBI Protein Information	actin, alpha skeletal muscle
UniProt Protein Name	Actin, alpha skeletal muscle
UniProt Gene Name	ACTA1
UniProt Synonym Gene Names	ACTA

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/acta1-human-mouse-rat-antibody/actin-alpha-1/109876>