

Rabbit anti-Human Actin Polyclonal Antibody | anti-ACTA1 antibody

Actin antibody

CATALOG # AAA306510	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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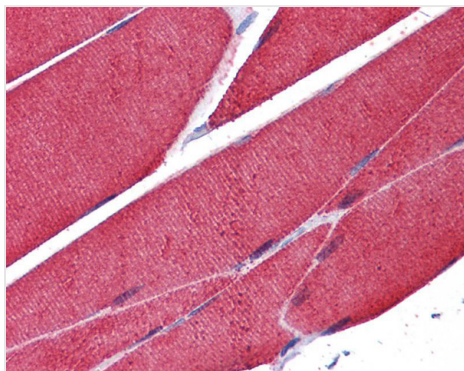
PRODUCT SYNONYMS

Actin; Polyclonal Antibody; Actin antibody; anti-ACTA1 antibody

PRODUCT SPECIFICATIONS

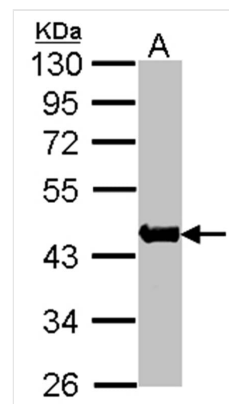
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	377
Applicable Applications for anti-ACTA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 129 of Human ACTA1
Target Name	Actin
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Skeletal Muscle, using alpha Actin (skeletal muscle) antibody(10 ug/ml).



Application Data

Sample(30 ug of whole cell lysate)A: Raji10% SDS PAGEPrimary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-ACTA1 antibody	The product encoded by this gene belongs to the actin family of proteins, which are highly conserved proteins that play a role in cell motility, structure and integrity. Alpha, beta and gamma actin isoforms have been identified, with alpha actins being a major constituent of the contractile apparatus, while beta and gamma actins are involved in the regulation of cell motility. This actin is an alpha actin that is found in skeletal muscle. Mutations in this gene cause nemaline myopathy type 3, congenital myopathy with excess of thin myofilaments, congenital myopathy with cores, and congenital myopathy with fiber-type disproportion, diseases that lead to muscle fiber defects. [provided by RefSeq]
Product Categories/Family for anti-ACTA1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501881
NCBI GeneID	58
NCBI Accession #	NP_001091
NCBI GenBank Nucleotide #	NM_001100.3
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; 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
UniProt Entry Name	ACTS_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-antibody-immunohistochemistry-western-blot-elisa/306510>