

Rabbit Actin, alpha skeletal muscle Polyclonal Antibody | anti-ACTA1 antibody

Rabbit anti-human Actin, alpha skeletal muscle polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118072	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

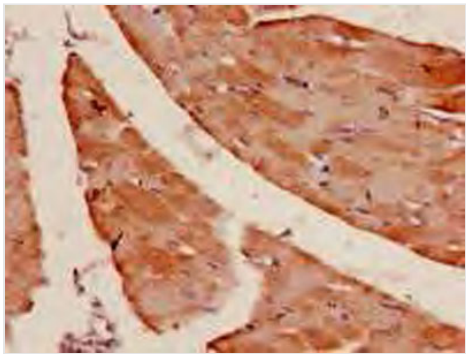
PRODUCT SYNONYMS

Actin; alpha skeletal muscle; Polyclonal Antibody; Rabbit anti-human Actin; alpha skeletal muscle polyclonal Antibody; Alias Actin; alpha skeletal muscle (Alpha-actin-1) [Cleaved into: Actin; intermediate form]; ACTA1; ACTA; anti-ACTA1 antibody

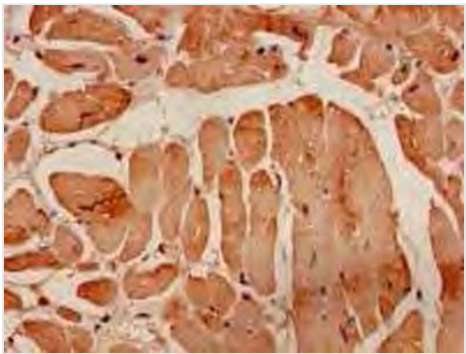
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Sequence Length	377
Applicable Applications for anti-ACTA1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant Human Actin, alpha skeletal muscle protein (3-377AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	ACTA1
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1615 / sc-1616 / sc-130619 / sc-7210 / sc-10731
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

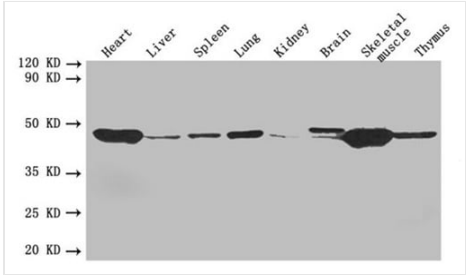
IMAGES



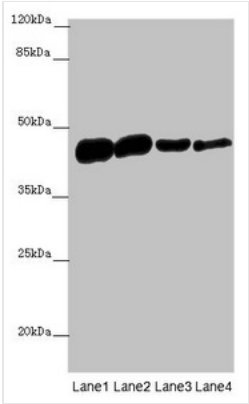
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using AAA118072 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human heart tissue using AAA118072 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: ACTA1 antibody at 4 ug/mlLane 1: Mouse heart tissueLane 2: Mouse liver tissueLane 3: Mouse spleen tissueLane 4: Mouse lung tissueLane 5: Mouse kidney tissueLane 6: Mouse brain tissueLane 7: Mouse skeletal muscle tissueLane 8: Mouse thymus tissueSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 42 kDaObserved band size: 42 kDa



WB (Western Blot)
Western blotAll lanes : ACTA1 antibody at 16 ug/mlLane 1 : Rat heart tissueLane 2 : Mouse skeletal muscle tissueLane 3 : Human placenta tissueLane 4 : CEM whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 42 kDaObserved band size: 42 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ACTA1 antibody	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.
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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
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-alpha-skeletal-muscle-antibody-immunohistochemistry-western-blot-elisa/118072>