

Rabbit anti-Human, Mouse alpha Actin Polyclonal Antibody | anti-ACTC1 antibody

alpha Actin (skeletal muscle) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302488	Rabbit	Human, Mouse	Western Blot

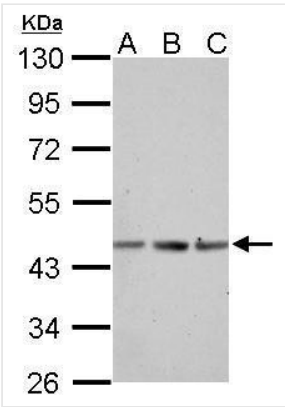
PRODUCT SYNONYMS

alpha Actin; Polyclonal Antibody; alpha Actin (skeletal muscle) Antibody; ACTA antibody; ASMA antibody; CFTD antibody; CFTD1 antibody; CFTDM antibody; MPFD antibody; NEM1 antibody; NEM2 antibody; NEM3 antibody; ACTA1 antibody; alpha-actin-1 antibody; alpha skeletal muscle actin antibody; "actin; alpha skeletal muscle antibody"; anti-ACTC1 antibody

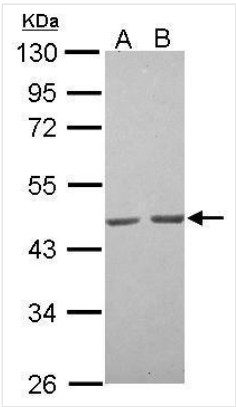
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total alpha Actin (skeletal muscle) protein.
Purity/Purification	Antibodies were purified by antigen-affinity chromatography.
Form/Format	Rabbit IgG in 1XPBS, 1%BSA, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration	0.43 mg/ml (varies by lot)
Sequence Length	377
Applicable Applications for anti-ACTC1 antibody	WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 72 and 377 of alpha Actin.
Target Name	alpha Actin (skeletal muscle)
Preparation and Storage	Store at -20 degree C

IMAGES



Application Data
Sample (30 ug of whole cell lysate) A: NIH-3T3 B: JC C: BCL-1 10% SDS PAGE diluted at 1:1000



Application Data
Sample (30 ug of whole cell lysate) A: A549 B: HeLa 10% SDS PAGE diluted at 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-ACTC1 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-ACTC1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885049
NCBI GeneID	70
NCBI Accession #	NP_005150.1
NCBI GenBank Nucleotide #	NM_005159.4
UniProt Accession #	P68032; P04270
Molecular Weight	42,019 Da
NCBI Official Full Name	actin, alpha cardiac muscle 1 proprotein
NCBI Official Synonym Full Names	actin, alpha, cardiac muscle 1
NCBI Official Symbol	ACTC1
NCBI Official Synonym Symbols	ACTC; ASD5; CMD1R; CMH11; LVNC4
NCBI Protein Information	actin, alpha cardiac muscle 1
UniProt Protein Name	Actin, alpha cardiac muscle 1
UniProt Gene Name	ACTC1
UniProt Synonym Gene Names	ACTC
UniProt Entry Name	ACTC_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/alpha-actin-antibody-western-blot-elisa/302488>