

alpha Skeletal Muslce Actin Monoclonal Antibody | anti-ACTA1 antibody

alpha Skeletal Muslce Actin Mouse Monoclonal Antibody (4B11)

CATALOG # AAA266674	REACTIVITY Human, Rat, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
-------------------------------	--	--

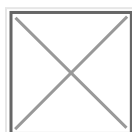
PRODUCT SYNONYMS

alpha Skeletal Muslce Actin; Monoclonal Antibody; alpha Skeletal Muslce Actin Mouse Monoclonal Antibody (4B11); ACTA antibody; ACTA1 antibody; ACTC antibody; ACTC1 antibody; Actin alpha cardiac muscle antibody; ACTS antibody; Alpha actin 1 antibody; Cardiac muscle alpha actin 1 antibody; Skeletal muscle alpha actin 1 antibody; anti-ACTA1 antibody

PRODUCT SPECIFICATIONS

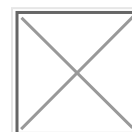
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	Antibody can detects endogenous alpha Skeletal Muscle Actin protein.
Form/Format	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Sequence Length	377
Applicable Applications for anti-ACTA1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Preparation and Storage	Store at -20 degree C. Do not aliquot the antibody.

IMAGES



WB (Western Blot)

Western blot analysis of 1) HeLa, 2) Mouse Brain tissue, 3) Rat Brain tissue with E12-189 diluted at 1:20, 000. 1Input: Mouse Brain Tissue Lysate 2IP product: IP dilute 1:200 Western blot analysis: primary antibody: E12-189 1:10, 000 Secondary antibody: Goat anti-Mouse IgG, Light chain specific (S003), 1:5, 000



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-ACTA1 antibody	Actin, alpha skeletal muscle is a protein that in humans is encoded by the ACTA1 gene. Actin alpha 1 which is expressed in skeletal muscle is one of six different actin isoforms which have been identified. Actins are highly conserved proteins that are involved in cell motility, structure and integrity. Alpha actins are a major constituent of the contractile apparatus.
---	--

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	~42KD
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/monoclonal/alpha-skeletal-muscle-actin-antibody-immunoprecipitation-western-blot-elisa/266674>