

Mouse Alpha-actin-1 Monoclonal Antibody | anti-ACTA1 antibody

Anti-Alpha-actin-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260407	Mouse	Human, Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Western Blot

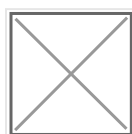
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

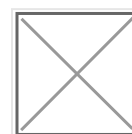
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Alpha-actin-1 protein.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	377
Applicable Applications for anti-ACTA1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of human Alpha-actin-1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



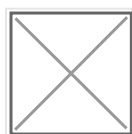
IP (Immunoprecipitation)

Immunoprecipitation of Alpha-actin-1 from 0.5mg mouse brain whole cell extract lysate, using anti-Alpha-actin-1 Antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Alpha-actin-1 staining in mouse skeletal muscle formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Alpha-actin-1 expression in Hela (A), mouse brain (B), rat brain (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTA1 antibody	Mouse monoclonal to Alpha-actin-1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61218043
NCBI GeneID	58
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/alpha-actin-1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/260407>