

alpha-Actin-1 (ATCA1) Monoclonal Antibody

CAB2280

Description

This alpha-Actin-1 (ATCA1) Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB2280

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Monoclonal Antibody

Synonyms: ACTA, ASMA, CFTD, MPFD, NEM1, NEM2, NEM3, SHPM, CFTD1, CFTDM, CMYP2A, CMYP2B, CMYP2C, α -Actin-1 (ACTA1)

Clone: ARC1914

Applications:   

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 58

Uniprot: AB_2862988

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 42kDa

Calculated MW: 42kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

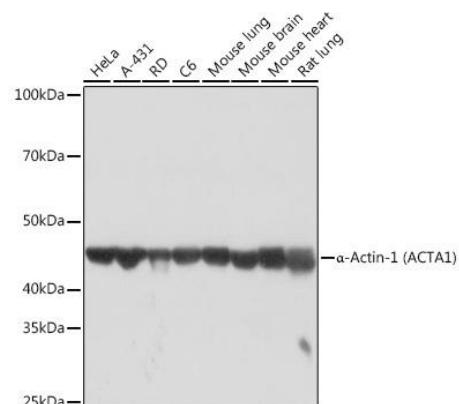
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HeLa, A-431, RD, C6, Mouse lung, Mouse brain, Mouse heart, Rat lung

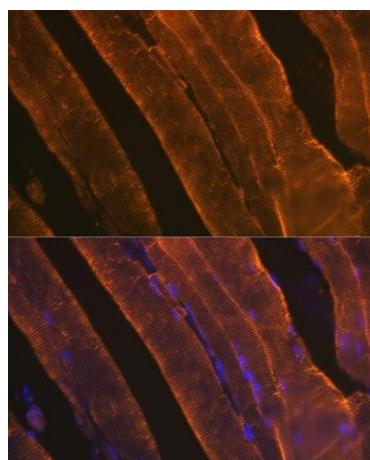
Recommended Dilutions:	WB	1:1000 - 1:5000
	IF-P	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using α -Actin-1 (ACTA1) Rabbit mAb (CAB2280) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Immunofluorescence analysis of paraffin-embedded rat skeletal muscle using α -Actin-1 (ACTA1) Rabbit mAb (CAB2280) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.