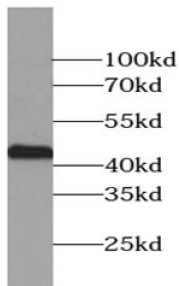
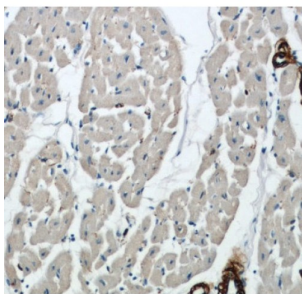


smooth muscle actin specific Antibody

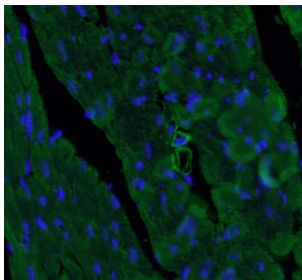
Catalogue No.:abx238038



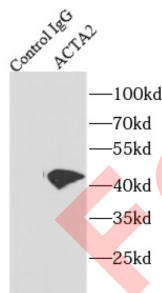
WB analysis of mouse colon tissue, using a-SMA specific antibody (1/600 dilution).



IHC-P analysis of human heart tissue, using ACTA2-Specific antibody (1/1000 dilution).



IF analysis of 4% PFA-fixed mouse heart tissue, using ACTA2 antibody (1/50 dilution) and AF488-conjugated Goat Anti-Rabbit IgG (H+L).



IP analysis of mouse liver tissue lysate (6000 µg), using ACTA2 antibody (3 µg, detection: 1/1000 dilution).

smooth muscle actin specific Antibody is a Rabbit Polyclonal against smooth muscle actin specific.

Target: smooth muscle actin specific

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Datasheet

Version: 3.0.0
Revision date: 28 Jun 2025



Tested Applications: ELISA, WB, IHC, IF/ICC, IP

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/5000, IHC: 1/500 - 1/3000, IF/ICC: 1/20 - 1/200, IP: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: actin, alpha 2, smooth muscle, aorta

Isotype: IgG

Form: Liquid

Purity: ≥ 95% (SDS-PAGE)

Purification: Purified by immunogen affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Validity: 12 months.

UniProt Primary AC: P62736 ([UniProt](#), [ExPASy](#))

Gene Symbol: ACTA2

GeneID: [59](#)

KEGG: hsa:59

String: [9606.ENSP00000402373](#)

Molecular Weight: Observed MW: 42 kDa

Buffer: PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.

Concentration: 2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.