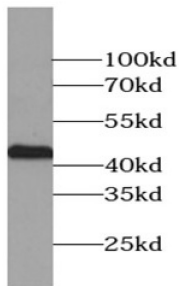
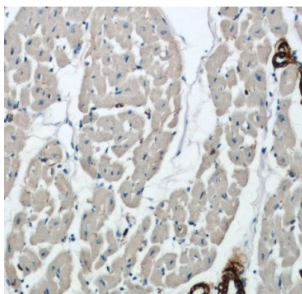


smooth muscle actin specific Antibody

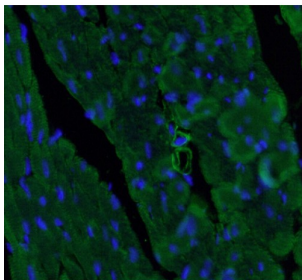
Catalogue No.:abx238038



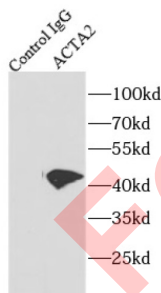
WB analysis of mouse colon tissue, using α -SMA specific antibody (1/600 dilution).



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 μ g), using ACTA2 antibody (3 μ g, 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: 07 Sep 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.