

anti- smooth muscle actin specific antibody

Product Information

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| Catalog No.: | FNab08038 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3 , -20°C for 24 months (Avoid repeated freeze / thaw cycles.) |

Background

ACTA2, also named as a-SMA, AAT6; ACTSA belongs to the actin family. Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. Defects in ACTA2 are the cause of aortic aneurysm familial thoracic type 6 (AAT6). The immunogen of this antibody is a specific domain of ACTA2. This antibody stains the aorta only.

Immunogen information

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| Immunogen: | actin, alpha 2, smooth muscle, aorta |
| Synonyms: | a SMA, AAT6, ACTA2, ACTA2 Smooth muscle Actin, ACTA2 Smooth muscle Actin Specific, Actin, aortic smooth muscle, Alpha actin 2, Alpha SMA, Alpha SMA Specific, a-SMA, smooth muscle actin, α SMA |
| Observed MW: | 42 kDa |
| Uniprot ID : | P62736 |

Application

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|-----------------------|---|
| Reactivity: | Human, Mouse, Rat |
| Tested Application: | ELISA, IHC, WB, IF |
| Recommended dilution: | WB: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200 |
| Image: | |

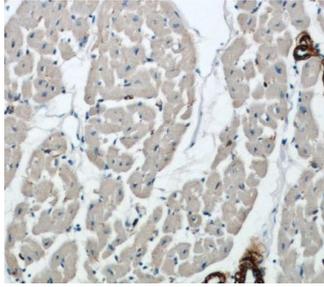
Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China (430206)

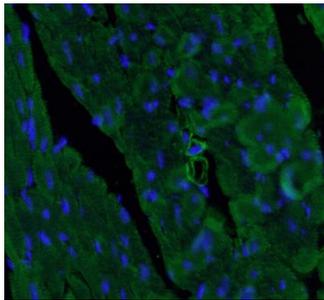
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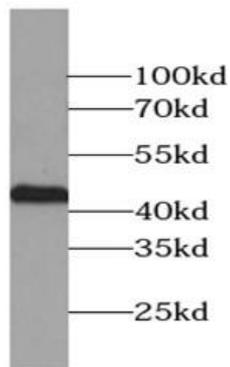
www.fn-test.com



Immunohistochemistry of paraffin-embedded human heart using FNab08038(ACTA2-Specific antibody) at dilution of 1:1000



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using FNab08038 (ACTA2 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



mouse colon tissue were subjected to SDS PAGE followed by western blot with FNab08038(a-SMA specific Antibody) at dilution of 1:600