

anti- ACTA2/smooth muscle actin antibody

Product Information

Catalog No.:	FNab00116
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

The protein encoded by this gene belongs to the actin family of proteins, which are highly conserved proteins that play a role in cell motility, structure and integrity. Alpha, beta and gamma actin isoforms have been identified, with alpha actins being a major constituent of the contractile apparatus, while beta and gamma actins are involved in the regulation of cell motility. This actin is an alpha actin that is found in skeletal muscle. Defects in this gene cause aortic aneurysm familial thoracic type 6. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Immunogen information

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

Application

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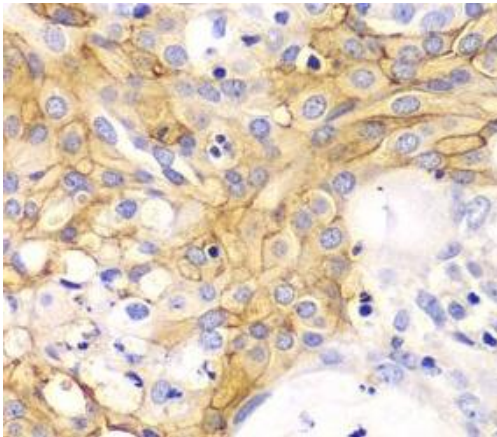
www.fn-test.com

Reactivity: Human, Mouse, Rat

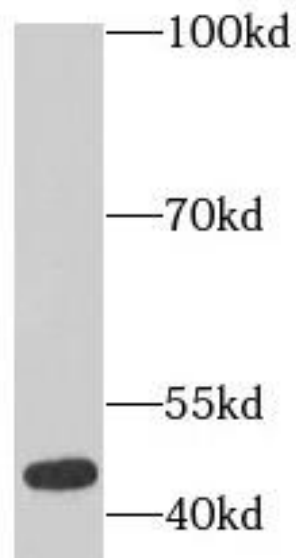
Tested Application: ELISA, IHC, WB

Recommended dilution: WB: 1:500 - 1:1000; IHC: 1:50 - 1:100

Image:



Immunohistochemistry of paraffin-embedded human oophoroma using FNab00116(ACTA2 antibody) at dilution of 1:50



human placenta tissue were subjected to SDS PAGE followed by western blot with FNab00116(ACTA2 antibody) at dilution of 1:1000

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