

## anti- ACTA2/smooth muscle actin antibody

### Product Information

Catalog No.:	FNab00117
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

ACTA2(also known as  $\alpha$ -smooth muscle actin or  $\alpha$ -SMA) 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. ACTA2 is primarily expressed in vascular smooth muscle and anti-ACTA2 is commonly used to marker smooth muscle cells. This antibody may cross-react with other isoforms of actins.

### 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, $\alpha$ SMA
Observed MW:	42 kDa
UniprotID :	P62736

### Application

Reactivity:	Human, Mouse, Rat
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### Wuhan Fine Biotech Co., Ltd.

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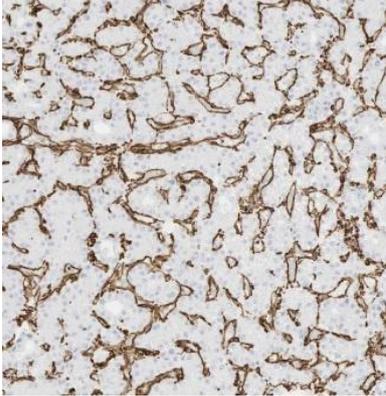
Tel :( 0086)027-87384275

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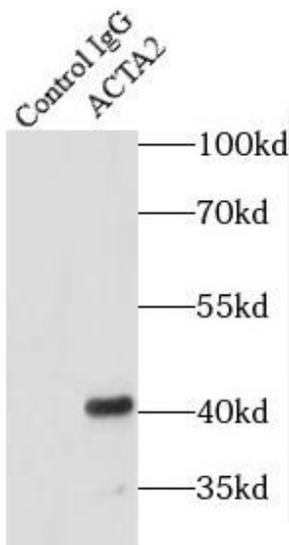
Tested Application: ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:5000; IHC: 1:200-1:1000; IP: 1:500-1:5000

Image:



Immunohistochemistry of paraffin-embedded human liver cancer tissue using FNab00117(ACTA2 antibody) at dilution of 1:50



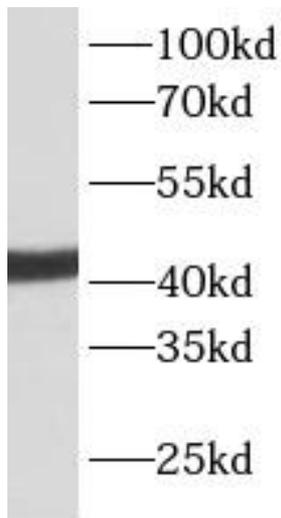
IP Result of anti-ACTA2/smooth muscle actin (IP:FNab00117, 3ug; Detection:FNab00117 1:1000) with mouse liver tissue lysate 6000ug.

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mouse heart tissue were subjected to SDS PAGE followed by western blot with FNab00117(ACTA2 antibody) at dilution of 1:1000

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