

# α-Smooth Muscle Actin (ACTA2) Rabbit pAb

Catalog No.: A0957

## Basic Information

### Observed MW

42kDa

### Calculated MW

42kDa

### Category

Primary antibody

### Applications

WB,IP

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, integrity, and intercellular signaling. The encoded protein is a smooth muscle actin that is involved in vascular contractility and blood pressure homeostasis. Mutations in this gene cause a variety of vascular diseases, such as thoracic aortic disease, coronary artery disease, stroke, and Moyamoya disease, as well as multisystemic smooth muscle dysfunction syndrome.

## Recommended Dilutions

<b>WB</b>	1:200 - 1:2000
<b>IP</b>	1:20 - 1:50

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
59	P62736

### Immunogen

Recombinant protein of human α-Smooth Muscle Actin (ACTA2)

### Synonyms

ACTSA; α-Smooth Muscle Actin (ACTA2)

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.