

# α-Smooth Muscle Actin (ACTA2) Rabbit mAb

Catalog No.: A17910   Recombinant   209 Publications

## Basic Information

### Observed MW

42kDa

### Calculated MW

42kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### Clone/No number

ARC0298

## 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

WB                    1:13000 - 1:52000

ELISA                Recommended starting concentration is 1 µg/mL.  
                       Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

59

### Swiss Prot

P62736

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

ACTSA; α-Smooth Muscle Actin (ACTA2)

## Contact

	400-999-6126
	<a href="mailto:cn.market@abclonal.com.cn">cn.market@abclonal.com.cn</a>
	<a href="http://www.abclonal.com.cn">www.abclonal.com.cn</a>

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

---

