

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

WB 1:200 - 1:2000**IP** 1:20 - 1:50

Immunogen Information

Gene ID

59

Swiss Prot

P62736

ImmunogenRecombinant protein of human α -Smooth Muscle Actin (ACTA2)**Synonyms**

ACTSA

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

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