

ACTA2

Reactivity: Human Mouse Rat

Tested applications: WB IHC IP

Recommended Dilution: WB 1:200 - 1:2000 IHC 1:50 - 1:200 IP 1:20 - 1:50

Calculated MW: 42kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human ACTA2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ACTA2; AAT6; ACTSA ; α -SMA; alpha SMA;

Catalog #: A0957

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 59

Isotype: IgG

Swiss Prot: P62736

Purity: Affinity purification

For research use only.

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. [provided by RefSeq, Nov 2008]

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