

Rabbit ACTA2 Polyclonal Antibody | anti-ACTA2 antibody

Rabbit polyclonal to Human ACTA2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36673	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunocytochemistry, Flow Cytometry, Functional Assay

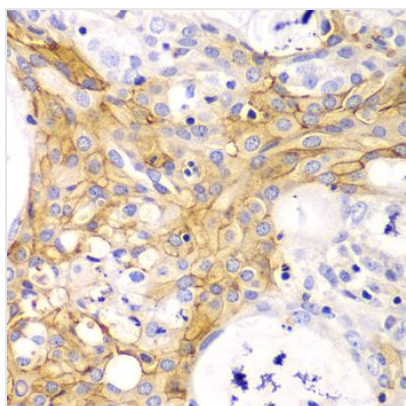
PRODUCT SYNONYMS

ACTA2; Polyclonal Antibody; Rabbit polyclonal to Human ACTA2; ACTA2 Rabbit pab Antibody; anti-ACTA2 antibody

PRODUCT SPECIFICATIONS

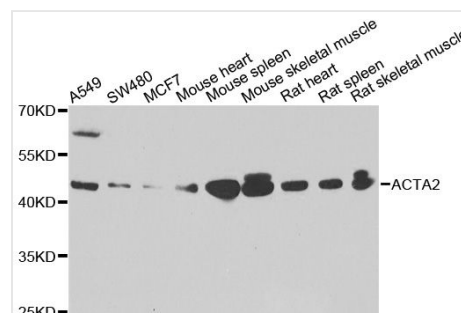
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purified
Form/Format	Liquid
Applicable Applications for anti-ACTA2 antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Immunogen	A synthetic peptide of human ACTA2
Storage Buffer	PBS with 0.1% Sodium Azide, 50% Glycerol
Preparation and Storage	Upon delivery aliquot and store at -20 degree C or -80 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human oophoroma using ACTA2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ACTA2 antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTA2 antibody	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]
References	1. Herman, I.M. Actin isoforms. Curr. Opin. Cell Biol. 5: 48-55 (1993). 2. Bailly, M., et al. The F-actin side binding activity of the Arp2/3 complex is essential for actin nucleation and lamellipod extension. Curr Biol. 11: 620-5 (2001). 3. Lim, Y.P., et al. Selective tyrosine hyperphosphorylation of cytoskeletal and stress proteins in primary human breast cancers: implications for adjuvant use of kinase-inhibitory drugs. Clin. Cancer Res. 10: 3980-3987 (2004). 4. Olson, T.M., et al. Actin mutations in dilated cardiomyopathy, a heritable form of heart failure. Science 280: 750-2 (1998). 5. Miwa, T., et al. Structure, chromosome location, and expression of the human smooth muscle (enteric type) gamma-actin gene: evolution of six human actin genes. Mol Cell Biol. 11: 3296-306 (1991).

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/acta2-antibody-immunohistochemistry-immunocytochemistry-flow-cytometry-elisa/36673>