

# ACTA2 antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22466a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P62736</a>
<b>Reactivity</b>	Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit Ig
<b>Clone Names</b>	R03324
<b>Calculated MW</b>	42009

## Additional Information

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<b>Gene ID</b>	59
<b>Other Names</b>	Actin, aortic smooth muscle, 3.6.4.-, Alpha-actin-2, Cell growth-inhibiting gene 46 protein, Actin, aortic smooth muscle, intermediate form, ACTA2, ACTSA, ACTVS
<b>Target/Specificity</b>	This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.
<b>Dilution</b>	WB~~1:2000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	ACTA2 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	ACTA2
<b>Synonyms</b>	ACTSA, ACTVS
<b>Function</b>	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.

## Background

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Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.

## References

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Kamada S.,et al.Nucleic Acids Res. 17:1767-1767(1989).

Reddy S.,et al.J. Biol. Chem. 265:1683-1687(1990).

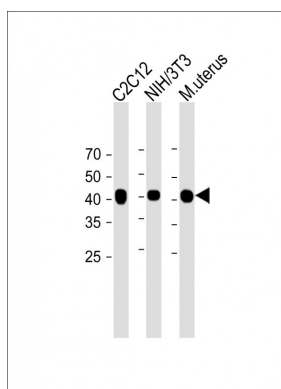
Kim J.W.,et al.Submitted (JUL-2004) to the EMBL/GenBank/DBJ databases.

Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).

## Images

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All lanes: Anti-ACTA2 antibody at 1:2000 dilution Lane 1: C2C12 whole cell lysate Lane 2: NIH/3T3 whole cell lysate Lane 3: Mouse uterus lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 42 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.