

ACTA2 antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22466a**Specification**

ACTA2 antibody - Product Information

Application	WB,E
Primary Accession	P62736
Reactivity	Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Calculated MW	42009

ACTA2 antibody - Additional Information**Gene ID 59****Other Names**

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

Target/Specificity

This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

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.

Precautions

ACTA2 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ACTA2 antibody - Protein Information**Name** ACTA2**Synonyms** ACTSA, ACTVS**Function** Actins are highly conserved proteins that are involved in various types of cell motility

and are ubiquitously expressed in all eukaryotic cells.

Cellular Location

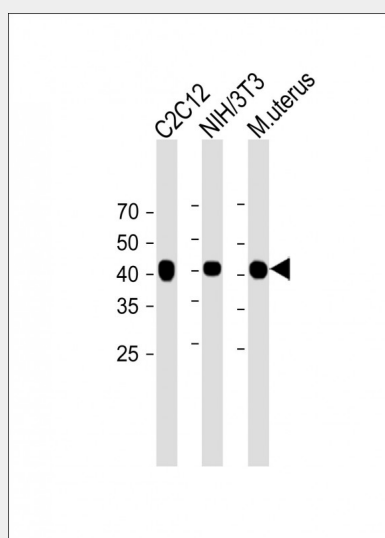
Cytoplasm, cytoskeleton.

ACTA2 antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ACTA2 antibody - Images



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.

ACTA2 antibody - Background

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

ACTA2 antibody - References

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

