

ACTA2 antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP22466a

Product Information

Application WB, E **Primary Accession** P62736 Reactivity Mouse Host Rabbit Clonality polyclonal Isotype Rabbit Ig **Clone Names** R03324 **Calculated MW** 42009

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/SpecificityThis 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 0.05% (V/V) Proclin 300. 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.

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.

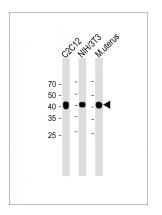
Background

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

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. Halleck A., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases. Ota T., et al. Nat. Genet. 36:40-45(2004).

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.



Immunohistochemical analysis of paraffin-embedded mouse intestine tissue using AP22466a .Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue using AP22466a .Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0).

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