

### **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

#### **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.



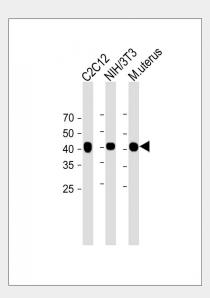
**Cellular Location** Cytoplasm, cytoskeleton.

# **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 Cytomety
- 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  $\mu$ g 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. Halleck A., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases. Ota T., et al. Nat. Genet. 36:40-45(2004).