

**ACTA2 / Smooth Muscle Actin Antibody (N-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS13908**

**Specification**

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**ACTA2 / Smooth Muscle Actin Antibody (N-Terminus) - Product Information**

Application	IHC
Primary Accession	<a href="#">P62736</a>
Reactivity	Human, Mouse, Rat, Rabbit, Chicken, Baboon, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42kDa KDa

**ACTA2 / Smooth Muscle Actin Antibody (N-Terminus) - Additional Information**

**Gene ID** 59

**Other Names**

Actin, aortic smooth muscle, Alpha-actin-2, Cell growth-inhibiting gene 46 protein, ACTA2, ACTSA, ACTVS

**Reconstitution & Storage**

Store at 2°C to 8°C degrees. Do not freeze.

**Precautions**

ACTA2 / Smooth Muscle Actin Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**ACTA2 / Smooth Muscle Actin Antibody (N-Terminus) - 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.

**Volume**

250 µl

**ACTA2 / Smooth Muscle Actin Antibody (N-Terminus) - 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 / Smooth Muscle Actin Antibody (N-Terminus) - Images**



Anti-ACTA2 antibody IHC of human lung, vessels.

#### **ACTA2 / Smooth Muscle Actin Antibody (N-Terminus) - Background**

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

#### **ACTA2 / Smooth Muscle Actin Antibody (N-Terminus) - 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).