

ACTA2 / Smooth Muscle Actin Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS12295**Specification**

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

Application	IHC-P
Primary Accession	P62736
Reactivity	Human, Mouse, Rat, Rabbit, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42kDa KDa
Dilution	IHC-P~~N/A

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

Target/Specificity

Recognizes smooth muscle Actin. Reacts with tumors arising from smooth muscles and myoepithelial cells. Stains smooth muscle cells in vessel walls, gut wall and myometrium. Myoepithelial cells in breast and salivary gland are also stained. Species cr ...

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

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.

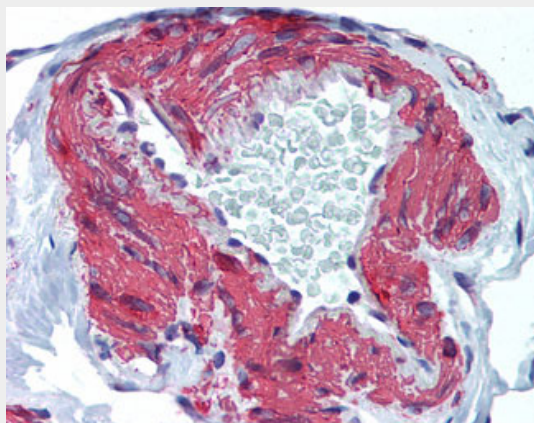
Volume
50 µl

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 colon, vessel.

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

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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).