10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

ACTA2 / Smooth Muscle Actin Antibody (N-Terminus)

Goat Polyclonal Antibody
Catalog # ALS13077

Specification

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

Application	**WB, IHC**
Primary Accession	P62736
Reactivity	**Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Chicken, Horse, Bovine, Dog**
Host	**Goat**
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

Target/Specificity
Human ACTA2. Variants NP_001604.1 and NP_001135417.1 encode the same protein.

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

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.

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

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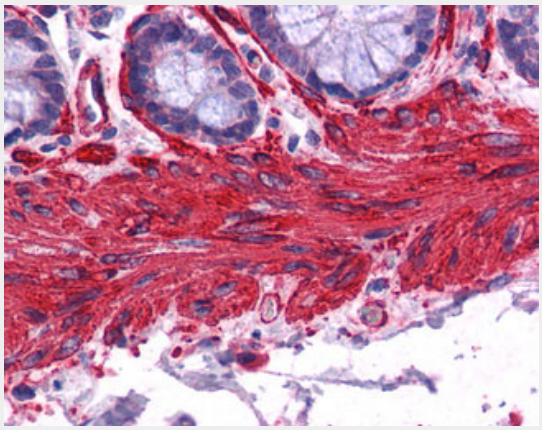
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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

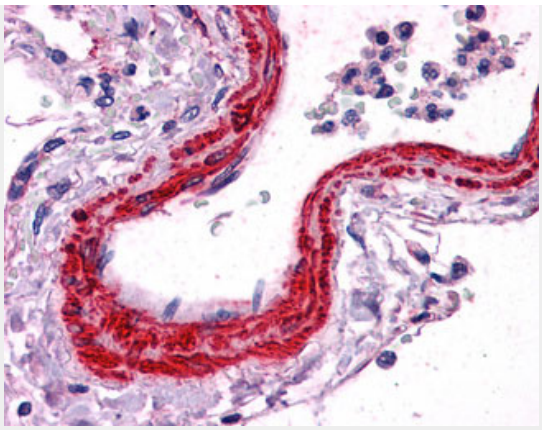


Antibody staining (0.1 ug/ml) of Human Duodenum lysate (RIPA buffer, 35 ug total protein per lane).



Anti-ACTA2 antibody IHC of human colon, smooth muscle.

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Anti-ACTA2 antibody IHC of human vessel.

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