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# Anti-ACTA2 / Smooth Muscle Actin Antibody

Goat anti Human Polyclonal Antibody
Catalog # ALS18632

## Product Information

| | |
|---|---|
| **Primary Accession** | P62736 |
| **Reactivity** | Human |
| **Predicted** | Mouse, Rat, Rabbit, Hamster, Monkey, Chicken, Bovine, Dog |
| **Host** | Ga |
| **Clonality** | Polyclonal |
| **Calculated MW** | 42009 |

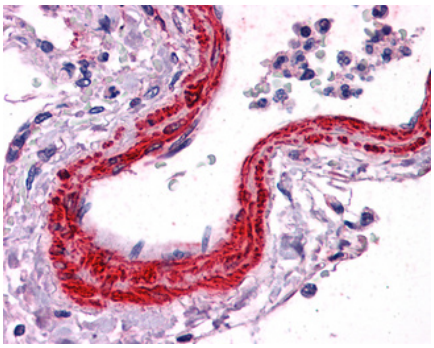
## Additional Information

| | |
|---|---|
| **Gene ID** | 59 |
| **Alias Symbol** | ACTA2 |
| **Other Names** | ACTA2 Antibody, ACTVS Antibody, Alpha-actin-2 Antibody, Alpha-cardiac actin Antibody, AAT6 Antibody, Actin, aortic smooth muscle Antibody, ACTSA Antibody, Smooth Muscle Actin Antibody, MYMY5 Antibody |
| **Target/Specificity** | Human ACTA2. Variants NP_001604.1 and NP_001135417.1 encode the same protein. |
| **Format** | Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide |
| **Reconstitution & Storage** | Store at -20°C. Minimize freezing and thawing. |
| **Precautions** | Anti-ACTA2 / Smooth Muscle Actin Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

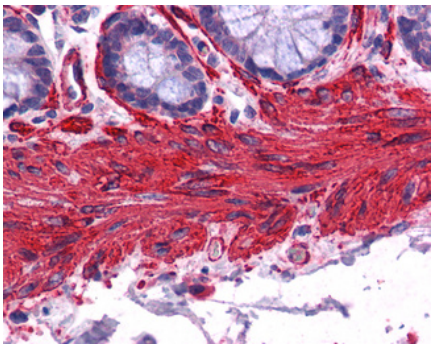
## Protein Information

| | |
|---|---|
| **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. |
| **Cellular Location** | Cytoplasm, cytoskeleton. |
| **Volume** | Array |

## Images



Anti-ACTA2 antibody IHC of human vessel. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B3933 concentration 2.5 ug/ml.



Anti-ACTA2 antibody IHC of human colon, smooth muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B3933 concentration 2.5 ug/ml.




Antibody staining (0.1 ug/ml) of Human Duodenum lysate (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by Western blot of chemiluminescence.

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