

## Rabbit alpha-SMA Polyclonal Antibody | anti-alpha-SMA antibody

alpha-SMA Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                       |
|-----------|--------|-------------------|------------------------------------|
| AAA296071 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot |

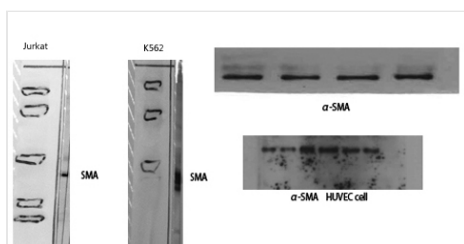
### PRODUCT SYNONYMS

alpha-SMA; Polyclonal Antibody; alpha-SMA Polyclonal Antibody; ACTA2; ACTSA; ACTVS; GIG46; Actin; aortic smooth muscle; Alpha-actin-2; Cell growth-inhibiting gene 46 protein; anti-alpha-SMA antibody

### PRODUCT SPECIFICATIONS

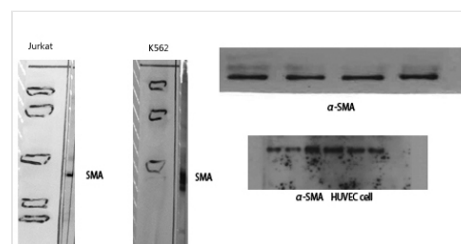
|                                                     |                                                                                                                                                       |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                | Rabbit                                                                                                                                                |
| Reactivity                                          | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                           | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-alpha-SMA antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Preparation and Storage                             | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.



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### ADDITIONAL INFORMATION

|                                                         |                                                                                                                                                  |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-alpha-SMA antibody | Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| NCBI GI #                        | 119570540                                           |
| NCBI GeneID                      | 59                                                  |
| UniProt Accession #              | P62736; P03996; P04108; Q6FI19; B2R8A4              |
| Molecular Weight                 | 42,009 Da                                           |
| NCBI Official Full Name          | actin, alpha 2, smooth muscle, aorta, isoform CRA_a |
| NCBI Official Synonym Full Names | actin, alpha 2, smooth muscle, aorta                |

|                               |                                                                                          |
|-------------------------------|------------------------------------------------------------------------------------------|
| NCBI Official Symbol          | ACTA2                                                                                    |
| NCBI Official Synonym Symbols | AAT6; ACTSA; MYMY5                                                                       |
| NCBI Protein Information      | actin, aortic smooth muscle; alpha-cardiac actin; cell growth-inhibiting gene 46 protein |
| UniProt Protein Name          | Actin, aortic smooth muscle                                                              |
| UniProt Gene Name             | <b>ACTA2</b>                                                                             |
| UniProt Synonym Gene Names    | ACTSA; ACTVS                                                                             |
| UniProt Entry Name            | ACTA_HUMAN                                                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/alpha-sma-antibody-immunohistochemistry-western-blot-elisa/296071>