

## Rabbit anti-Human, Mouse SOCS4 Polyclonal Antibody | anti-SOCS4 antibody

SOCS4 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA26949  | Rabbit | Human, Mouse | ELISA, Western Blot, Immunohistochemistry |

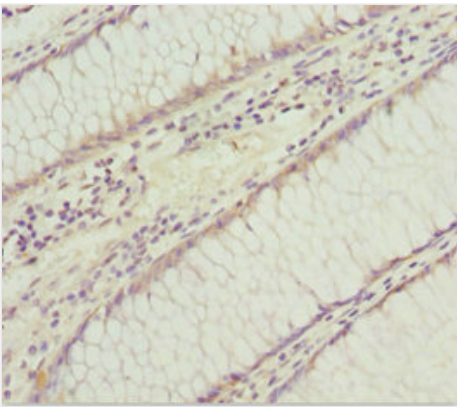
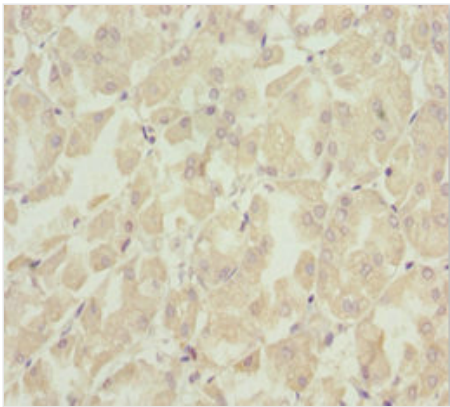
### PRODUCT SYNONYMS

SOCS4; Polyclonal Antibody; SOCS4 Antibody; Suppressor of cytokine signaling 4; SOCS-4; Suppressor of cytokine signaling 7; SOCS-7; SOCS7; anti-SOCS4 antibody

### PRODUCT SPECIFICATIONS

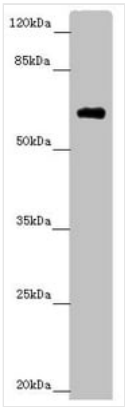
|                                                 |                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                              |
| Reactivity                                      | Human, Mouse                                                                                        |
| Clonality                                       | Polyclonal                                                                                          |
| Isotype                                         | IgG                                                                                                 |
| Purity/Purification                             | Antigen Affinity Purified                                                                           |
| Form/Format                                     | Liquid                                                                                              |
| Applicable Applications for anti-SOCS4 antibody | ELISA, WB (Western Blot), IHC (Immunohistochemistry)                                                |
| Application Notes                               | WB: 1:1000-1:5000, IHC: 1:20-1:200                                                                  |
| Immunogen                                       | Recombinant Human Suppressor of cytokine signaling 4 protein (1-270AA)                              |
| Conjugate                                       | Non-conjugated                                                                                      |
| Storage Buffer                                  | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                   |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-68827 / sc-68828 / sc-68825 |
| Species                                         | Homo sapiens (Human)                                                                                |
| Research Area                                   | Signal Transduction                                                                                 |
| Target Names                                    | SOCS4                                                                                               |
| Preparation and Storage                         | Upon receipt store at -20 degree C or -80 degree C. Avoid repeated freeze.                          |

IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human gastric cancer using AAA26949 at dilution 1:100

**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human colon cancer using AAA26949 at dilution 1:100



**WB (Western Blot)**  
Western blotAll lanes: SOCS4 antibody at 4.25 ug/ml+ Mouse kidney tissueSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 60 kDaObserved band size: 60 kDa

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SOCS4 antibody | SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. Substrate-recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Inhibits EGF signaling by mediating the degradation of the Tyr-phosphorylated EGF receptor/EGFR. |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                    |
|----------------------------------|------------------------------------|
| NCBI GI #                        | 18254466                           |
| NCBI GeneID                      | 122809                             |
| NCBI Accession #                 | NP_543143.1                        |
| NCBI GenBank Nucleotide #        | NM_080867.2                        |
| UniProt Accession #              | Q8WXH5                             |
| NCBI Official Full Name          | suppressor of cytokine signaling 4 |
| NCBI Official Synonym Full Names | suppressor of cytokine signaling 4 |
| NCBI Official Symbol             | SOCS4                              |
| NCBI Official Synonym Symbols    | SOCS7                              |

|                            |                                    |
|----------------------------|------------------------------------|
| NCBI Protein Information   | suppressor of cytokine signaling 4 |
| UniProt Protein Name       | Suppressor of cytokine signaling 4 |
| UniProt Gene Name          | <b>SOCS4</b>                       |
| UniProt Synonym Gene Names | SOCS7; SOCS-4; SOCS-7              |
| UniProt Entry Name         | SOCS4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/socs4-antibody-western-blot-immunohistochemistry-elisa/26949>