

## Rabbit SH2B1 Polyclonal Antibody | anti-SH2B1 antibody

SH2B1 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA167366 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

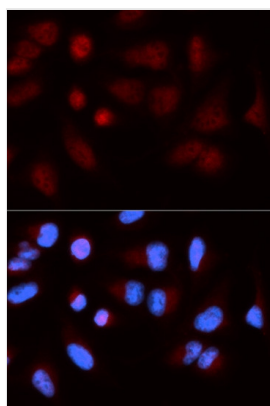
### PRODUCT SYNONYMS

SH2B1; Polyclonal Antibody; SH2B1 Antibody; PSM; SH2B; anti-SH2B1 antibody

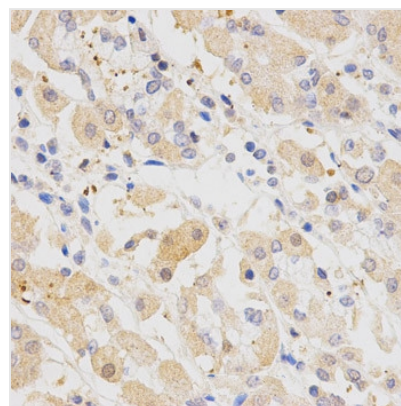
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                         |
| Clonality                                       | Polyclonal                                                                                |
| Isotype                                         | IgG                                                                                       |
| Purity/Purification                             | Antigen affinity purification                                                             |
| Concentration                                   | 1mg/mL (varies by lot)                                                                    |
| Sequence Length                                 | 671                                                                                       |
| Applicable Applications for anti-SH2B1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                    |
| Immunogen                                       | Recombinant protein of human SH2B1                                                        |
| Buffer                                          | PBS with 0.02% sodium azide, 50% glycerol, pH7.3                                          |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-366009            |
| Preparation and Storage                         | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

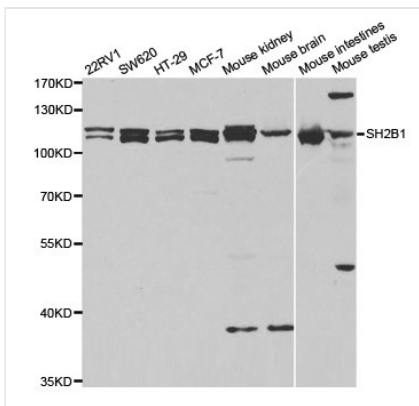
### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of U2OS cell using SH2B1 antibody. Blue: DAPI for nuclear staining.


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human stomach using SH2B1 antibody at dilution of 1:200 (x400 lens)



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SH2B1 antibody.

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SH2B1 antibody | This gene encodes a member of the SH2-domain containing mediators family. The encoded protein mediates activation of various kinases and may function in cytokine and growth factor receptor signaling and cellular transformation. Alternatively spliced transcript variants have been described. |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 224926828                                                                                                                                                                                  |
| NCBI GeneID                      | 25970                                                                                                                                                                                      |
| NCBI Accession #                 | NP_001139268.1                                                                                                                                                                             |
| NCBI GenBank Nucleotide #        | NM_001145796.1                                                                                                                                                                             |
| Molecular Weight                 | 72,188 Da                                                                                                                                                                                  |
| NCBI Official Full Name          | SH2B adapter protein 1 isoform 2                                                                                                                                                           |
| NCBI Official Synonym Full Names | SH2B adaptor protein 1                                                                                                                                                                     |
| NCBI Official Symbol             | SH2B1                                                                                                                                                                                      |
| NCBI Official Synonym Symbols    | PSM; SH2B                                                                                                                                                                                  |
| NCBI Protein Information         | SH2B adapter protein 1; SH2 domain-containing protein 1B; SH2 domain-containing putative adapter SH2-B; SH2-B signaling protein; pro-rich, PH and SH2 domain-containing signaling mediator |
| UniProt Protein Name             | SH2B adapter protein 1                                                                                                                                                                     |
| UniProt Gene Name                | SH2B1                                                                                                                                                                                      |
| UniProt Synonym Gene Names       | KIAA1299; SH2B; PSM                                                                                                                                                                        |
| UniProt Entry Name               | SH2B1_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.