

## Rabbit SH2B1 Polyclonal Antibody | anti-SH2B1 antibody

SH2B1 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                  |
|-----------|--------|-------------------|---------------------------------------------------------------|
| AAA279989 | Rabbit | Human, Mouse, Rat | Immunocytochemistry, Immunofluorescence, Immunohistochemistry |

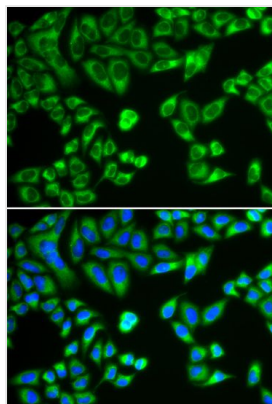
### PRODUCT SYNONYMS

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

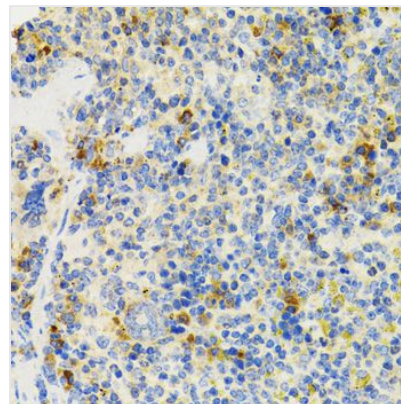
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                    |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                             |
| Reactivity                                      | Human, Mouse, Rat                                                                                                  |
| Clonality                                       | Polyclonal                                                                                                         |
| Isotype                                         | IgG                                                                                                                |
| Purity/Purification                             | Affinity Purification                                                                                              |
| Form/Format                                     | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                  |
| Sequence Length                                 | 756                                                                                                                |
| Applicable Applications for anti-SH2B1 antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)                                     |
| Immunogen                                       | Recombinant Protein                                                                                                |
| Immunogen                                       | Recombinant fusion protein containing a sequence corresponding to amino acids 360-520 of human SH2B1 (NP_056318.2) |
| Preparation and Storage                         | Store at -20°C. Avoid freeze / thaw cycles.                                                                        |

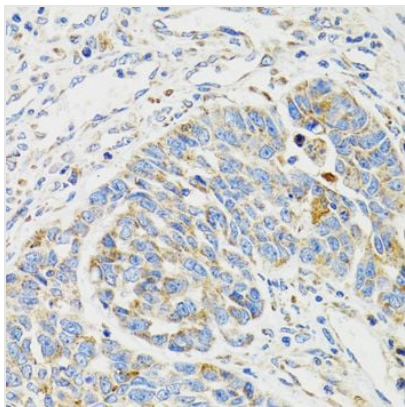
### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of HeLa cells using SH2B1 antibody. Blue: DAPI for nuclear staining.

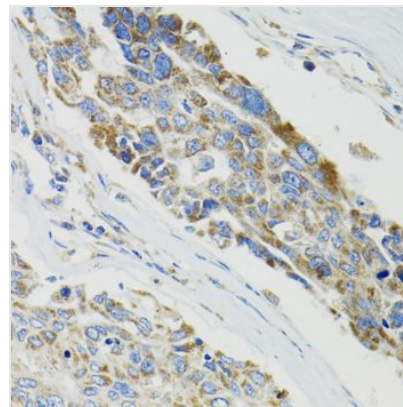

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded mouse spleen using SH2B1 Antibody at dilution of 1:100 (40x lens).



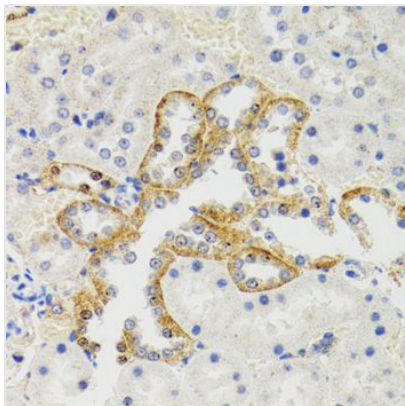
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophageal cancer using SH2B1 Antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using SH2B1 Antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using SH2B1 Antibody at dilution of 1:100 (40x lens).

## 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. |
| Product Categories/Family for anti-SH2B1 antibody   | Polyclonal                                                                                                                                                                                                                                                                                         |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 313104186                                                                                                                                                                                  |
| NCBI GeneID                      | 25970                                                                                                                                                                                      |
| UniProt Accession #              | Q9NRF2; Q96FK3; Q96SX3; Q9NRF1; Q9NRF3; Q9P2P7; Q9Y3Y3; A8K2R7                                                                                                                             |
| Molecular Weight                 | Calculated MW: 70kDa/72kDa/79kDa                                                                                                                                                           |
| NCBI Official Full Name          | SH2B adapter protein 1                                                                                                                                                                     |
| 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-B signaling protein; SH2 domain-containing protein 1B; SH2 domain-containing putative adapter SH2-B; pro-rich, PH and SH2 domain-containing signaling mediator |

|                            |                        |
|----------------------------|------------------------|
| UniProt Protein Name       | SH2B adapter protein 1 |
| UniProt Gene Name          | <b>SH2B1</b>           |
| 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.

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