

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

SRGN Polyclonal Antibody

|                               |                       |                                   |                                                         |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA281021</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------------------|

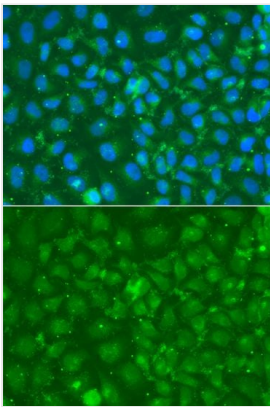
### PRODUCT SYNONYMS

SRGN; Polyclonal Antibody; SRGN Polyclonal Antibody; PPG; PRG; PRG1; anti-SRGN antibody

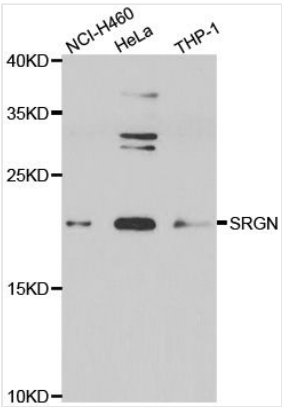
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                   |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                            |
| Reactivity                                     | Human, Mouse                                                                                                                                      |
| Clonality                                      | Polyclonal                                                                                                                                        |
| Isotype                                        | IgG                                                                                                                                               |
| Purity/Purification                            | Affinity Purification                                                                                                                             |
| Sequence                                       | YPTRRARYQW VRCNPDSNSA NCLEEKGPMF ELLPGESNKI PRLRTDLFPK TRIQDLNRIF PLSYDYSYSGSG FGSGSGSGSG SGSGFLTEME QDYQLVDESD AFHDNLRSLD RNLPDSQDL GQHGLEEDFM L |
| Sequence Length                                | 158                                                                                                                                               |
| Applicable Applications for anti-SRGN antibody | IF (Immunofluorescence), WB (Western Blot)                                                                                                        |
| Immunogen                                      | Recombinant protein of human SRGN                                                                                                                 |
| Immunogen Species                              | Human                                                                                                                                             |
| Storage Buffer                                 | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                                                 |
| Cellular Location                              | Cytoplasmic granule, Golgi apparatus, Secreted, extracellular space                                                                               |
| Positive Samples                               | NCI-H460, HeLa, THP-1                                                                                                                             |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze / thaw cycles.                                                                                                |

IMAGES



**IF (Immunofluorescence)**  
Immunofluorescence analysis of A549 cells using SRGN antibody. Blue: DAPI for nuclear staining.



**WB (Western Blot)**  
Western blot analysis of extracts of various cell lines, using SRGN antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SRGN antibody | This gene encodes a protein best known as a hematopoietic cell granule proteoglycan. Proteoglycans stored in the secretory granules of many hematopoietic cells also contain a protease-resistant peptide core, which may be important for neutralizing hydrolytic enzymes. This encoded protein was found to be associated with the macromolecular complex of granzymes and perforin, which may serve as a mediator of granule-mediated apoptosis. Two transcript variants, only one of them protein-coding, have been found for this gene. |
| Product Categories/Family for anti-SRGN antibody   | <a href="#">Polyclonal Antibodies</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">1005261256</a>                                               |
| NCBI GeneID                      | <a href="#">5552</a>                                                     |
| NCBI Accession #                 | <a href="#">NP_001307982.1</a>                                           |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001321053.1</a>                                           |
| UniProt Accession #              | <a href="#">P10124</a> ; <a href="#">Q5VW06</a> ; <a href="#">B2R4L7</a> |
| Molecular Weight                 | Calculated: 17kDa<br>Observed: 18kDa                                     |
| NCBI Official Full Name          | serglycin isoform 1                                                      |
| NCBI Official Synonym Full Names | serglycin                                                                |
| NCBI Official Symbol             | SRGN                                                                     |
| NCBI Official Synonym Symbols    | PPG; PRG; PRG1                                                           |
| NCBI Protein Information         | serglycin                                                                |
| UniProt Protein Name             | Serglycin                                                                |
| UniProt Gene Name                | <b>SRGN</b>                                                              |
| UniProt Synonym Gene Names       | PRG; PRG1; P.PG                                                          |

**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/srgn-antibody-immunofluorescence-western-blot-elisa/281021>