# Rabbit anti-Human Serglycin Polyclonal Antibody | anti-SRGN antibody

Rabbit anti-human Serglycin polyclonal Antibody(SRGN)

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA119028** | **Rabbit** | **Human** | **Immunohistochemistry, Western Blot, ELISA** |

## PRODUCT SYNONYMS

Serglycin; Polyclonal Antibody; Rabbit anti-human Serglycin polyclonal Antibody(SRGN); Serglycin (Hematopoietic proteoglycan core protein) (Platelet proteoglycan core protein) (P.PG) (Secretory granule proteoglycan core protein); SRGN; PRG; PRG1; anti-SRGN antibody

## PRODUCT SPECIFICATIONS

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|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Purity/Purification** | Antigen Affinity Purified |
| **Form/Format** | Liquid; PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| **Sequence Length** | 158 |
| **Applicable Applications for anti-SRGN antibody** | IHC (Immunohistochemistry), WB (Western Blot), ELISA |
| **Conjugate** | Non-conjugated |
| **Research Area** | Cell Biology |
| **Target Names** | SRGN |
| **Immunogen** | Recombinant human Serglycin protein(28-158aa) |
| **Santa Cruz Alternative** | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-28007 / sc-28008 / sc-292311 |
| **Preparation and Storage** | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |

## IMAGES



**IHC (Immunohiostchemistry)**
Immunohistochemistry of paraffin-embedded human spleen using AAA119028 at dilution 1:100



**WB (Western Blot)**
All lanes: Serglycin antibody at 9ug/mlLane 1:THP-1 whole cell lysateLane 2:HL-60 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 18kDaObserved band size: 18kDa

## ADDITIONAL INFORMATION

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|---|---|
| **Related Product Information for anti-SRGN antibody** | Plays a role in formation of mast cell secretory granules and mediates storage of various compounds in secretory vesicles. Required for storage of someproteases in both connective tissue and mucosal mast cells and for storage ofgranzyme B in T-lymphocytes. Plays a role in localizing neutrophil elastase inazurophil granules of neutrophils. Mediates processing of MMP2. Plays a role incytotoxic cell granule-mediated apoptosis by forming a complex with granzymeB which is delivered to cells by perforin to induce apoptosis. Regulates thesecretion of TNF-alpha and may also regulate protease secretion. Inhibits bonemineralization. |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 45935371 |
| **NCBI GeneID** | 5552 |
| **NCBI Accession #** | NP_002718.2 |
| **NCBI GenBank Nucleotide #** | NM_002727.2 |
| **UniProt Accession #** | P10124; Q5VW06; B2R4L7 |
| **NCBI Official Full Name** | serglycin |
| **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** | **SRGN** |
| **UniProt Synonym Gene Names** | PRG; PRG1; P.PG |
| **UniProt Entry Name** | SRGN_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/serglycin-antibody-immunohistochemistry-western-blot-elisa/119028