



Rabbit Anti-SRGN antibody

SL6789R

Product Name:	SRGN
Chinese Name:	硫酸软骨素多糖核心蛋白抗体
Alias:	Chondroitin sulfate proteoglycan core protein; Cytolytic granule proteoglycan core protein; Hematopoetic proteoglycan core protein; Mastocytoma proteoglycan core protein; P.PG; PG19 core protein; Pgs; Platelet proteoglycan core protein; platelet proteoglycan protein core; PLATELET PROTEOGLYCAN PROTEIN CORE; PPG; PRG; PRG1; PROTEOGLYCAN 1; proteoglycan 1, secretory granule; Proteoglycan 10K core protein; Proteoglycan peptide core protein; PROTEOGLYCAN PROTEIN CORE FOR MAST CELL SECRETORY GRANULE; secretory granule proteoglycan 1; Secretory granule proteoglycan core protein; Serglycin; serglycin proteoglycan; Sgc; Srgn; SRGN HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	14.7kDa
Cellular localization:	cytoplasmicExtracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Chondroitin sulfate proteoglycan core protein:61-158/158
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of

	antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>Plays a role in formation of mast cell secretory granules and mediates storage of various compounds in secretory vesicles. Required for storage of some proteases in both connective tissue and mucosal mast cells and for storage of granzyme B in T lymphocytes. Plays a role in localizing neutrophil elastase in azurophil granules of neutrophils. Mediates processing of MMP2. Plays a role in cytotoxic cell granule-mediated apoptosis by forming a complex with granzyme B which is delivered to cells by perforin to induce apoptosis. Regulates the secretion of TNF-alpha and may also regulate protease secretion. Inhibits bone mineralization.</p> <p>Function: Plays a role in formation of mast cell secretory granules and mediates storage of various compounds in secretory vesicles. Required for storage of some proteases in both connective tissue and mucosal mast cells and for storage of granzyme B in T-lymphocytes. Plays a role in localizing neutrophil elastase in azurophil granules of neutrophils. Mediates processing of MMP2. Plays a role in cytotoxic cell granule-mediated apoptosis by forming a complex with granzyme B which is delivered to cells by perforin to induce apoptosis. Regulates the secretion of TNF-alpha and may also regulate protease secretion. Inhibits bone mineralization</p> <p>Subunit: Binds to activated CD44 and to GZMB.</p> <p>Subcellular Location: Cytoplasmic granule. Secreted, extracellular space. Golgi apparatus.</p> <p>Post-translational modifications: O-glycosylated; contains chondroitin sulfate and heparin sulfate (By similarity).</p> <p>Similarity: Belongs to the serglycin family.</p> <p>SWISS: P10124</p> <p>Gene ID: 5552</p> <p>Database links: Entrez Gene: 5552Human Omim: 177040Human SwissProt: P10124Human</p>

[Unigene: 1908](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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