

SRGN rabbit pAb

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| Catalog No : | YT6664 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB |
| Target : | SRGN |
| Gene Name : | SRGN PRG PRG1 |
| Protein Name : | SRGN |
| Human Gene Id : | 5552 |
| Human Swiss Prot No : | P10124 |
| Mouse Gene Id : | 19073 |
| Mouse Swiss Prot No : | P13609 |
| Rat Gene Id : | 56782 |
| Rat Swiss Prot No : | P04917 |
| Immunogen : | Synthesized peptide derived from human SRGN AA range: 30-80 |
| Specificity : | This antibody detects endogenous levels of SRGN at Human/Mouse/Rat |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500-2000 |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

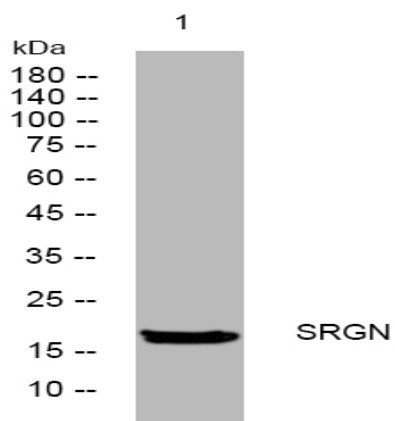
Molecularweight : 17kD

Background : 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. [provided by RefSeq, Jul 2010],

Function : 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.,induction:By EBV.,PTM:O-glycosylated; contains chondroitin sulfate and heparan sulfate.,similarity:Belongs to the serglycin family.,subcellular location:Found in mast cell granules and in cytoplasmic granules of cytolytic T lymphocytes from where it is s

Subcellular Location : Cytoplasmic granule . Cytolytic granule . Secreted, extracellular space . Golgi apparatus . Found in mast cell granules and in cytoplasmic granules of cytolytic T lymphocytes from where it is secreted upon cell activation (By similarity). Secreted constitutively by endothelial cells and macrophages (PubMed:11154222). Located to Golgi apparatus during neutrophil differentiation (PubMed:15136585). .

Products Images



Western blot analysis of lysates from VEC cells, primary antibody was diluted at 1:1000, 4° over night