

SRGN rabbit pAb

Cat No.: ES12956

For research use only

Overview

Product Name SRGN rabbit pAb

Host species Rabbit
Applications WB

Species Cross-Reactivity Human; Mouse; Rat Recommended dilutions WB 1: 500-2000

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.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name SRGN

Gene Name SRGN PRG PRG1

Cellular localization 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 constit

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 5552 Human Swiss-Prot Number P10124

Alternative Names

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

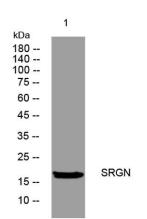
protease-resistant peptide core, which may be



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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],

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

