

Product datasheet for **AP54044PU-N**

Serglycin (SRGN) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	Flow cytometry: 1/10-1/50. Western blot: 1/1000. Enzyme immunoassay: 1/1000.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 119-148aa) of human Serglycin.
Specificity:	This antibody recognizes Serglycin at c-term.
Formulation:	PBS with 0.09% (W/V) Sodium azide State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Purified through a Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	serglycin
Database Link:	Entrez Gene 5552 Human P10124



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Background:

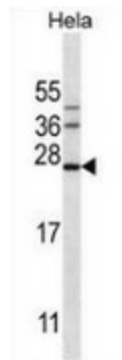
The SRGN gene encodes serglycin, a protein best known as a hematopoietic cell granule proteoglycan. Proteoglycans stored in the secretory granules of many hematopoietic cells also contain a protease-resistant peptide core, which may be important for neutralizing hydrolytic enzymes. This encoded protein 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.

Synonyms:

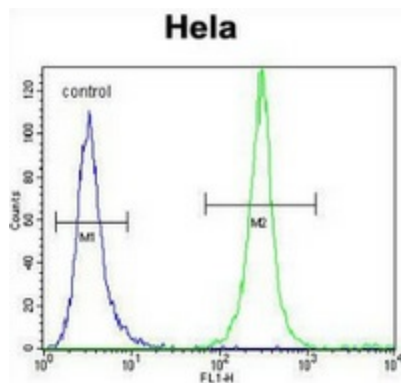
SRGN, Platelet proteoglycan core protein

Note:

Molecular Weight: 17652 Da

Product images:

Western blot analysis in HeLa cell line lysates (35ug/lane) using Serglycin / PRG1 antibody. (C-term). This demonstrates the Serglycin antibody detected the Serglycin protein (arrow).



Flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram) using Serglycin / PRG1 antibody. (C-term), followed by FITC-conjugated goat-anti-rabbit secondary antibodies.