

Product datasheet for **TA345808**

Serglycin (SRGN) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SRGN antibody: synthetic peptide directed towards the middle region of human SRGN. Synthetic peptide located within the following region: RTDLFPKTRIQDLNRIFPLSEDYSGSGFGSGSGSGSGSGFLTEMEQDY
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	15 kDa
Gene Name:	serglycin
Database Link:	NP_002718 Entrez Gene 5552 Human P10124



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Background:

SRGN is 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. SRGN was found to be associated with the macromolecular complex of granzymes and perforin, which may serve as a mediator of granule-mediated apoptosis. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms:

PPG; PRG; PRG1

Note:

Immunogen Sequence Homology: Horse: 100%; Human: 100%; Rat: 93%; Pig: 91%; Rabbit: 86%; Guinea pig: 78%

Product images:

WB Suggested Anti-SRGN Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: Transfected 293T