

Datasheet for ABIN2778809  
**anti-SRGN antibody (Middle Region)**



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1 Image

## Overview

Quantity:	100 µL
Target:	SRGN
Binding Specificity:	Middle Region
Reactivity:	Human, Rabbit, Rat, Guinea Pig, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRGN antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SRGN
Sequence:	RTDLFPKTRI QDLNRIFPLS EDYSGSGFGS GSGSGSGSGS GFLTEMEQDY
Predicted Reactivity:	Guinea Pig: 78%, Horse: 100%, Human: 100%, Pig: 91%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against SRGN. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	SRGN
Alternative Name:	SRGN ( <a href="#">SRGN Products</a> )

## Target Details

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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.

Alias Symbols: FLJ12930, MGC9289, PPG, PRG, PRG1

Protein Interaction Partner: UBQLN1, SGTA, UBQLN4, PSRC1, CEP70, UBR4, BAG6, CCL3, PF4, GZMB, CD44, ALB,

Protein Size: 158

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**Molecular Weight:** 18 kDa

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**Gene ID:** 5552

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**NCBI Accession:** [NM\\_002727](#), [NP\\_002718](#)

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**UniProt:** [P10124](#)

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**Pathways:** [Maintenance of Protein Location](#)

## Application Details

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**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator.

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**Comment:** Antigen size: 158 AA

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** Lot specific

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**Buffer:** Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

## Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



### Western Blotting

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