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Datasheet for ABIN872475

anti-SRGN antibody (AA 61-158)



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Quantity:	100 μL
Target:	SRGN
Binding Specificity:	AA 61-158
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRGN antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-
	embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)),
	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Serglycin/SRGN Polyclonal Antibody
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.
Target Details	

Target:	SRGN
Alternative Name:	SRGN (SRGN Products)

Target Details

Background:

Synonyms: Chondroitin sulfate proteoglycan core protein, Cytolytic granule proteoglycan core protein, Hematopoetic proteoglycan core protein, Mastocytoma proteoglycan core protein, P.P.G., PG19 core protein, Pgsg, Platelet proteoglycan core protein, platelet proteoglycan protein core, PLATELET PROTEOGLYCAN PROTEIN CORE, PPG, PRG, PRG1, PROTEOGLYCAN 1, proteoglycan 1, secretory granule, Proteoglycan 10K core protein, Proteoglycan peptide core protein, PROTEOGLYCAN PROTEIN CORE FOR MAST CELL SECRETORY GRANULE, secretory granule proteoglycan 1, Secretory granule proteoglycan core protein, Serglycin, serglycin proteoglycan, Sgc, Srgn, SRGN_HUMAN.

Background: 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.

Gene ID:

5552

Pathways:

Maintenance of Protein Location

Application Details

Application Notes:

ELISA 1:500-1000

IHC-P 1:200-400

IHC-F 1:100-500

IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

Restrictions:

For Research Use only

Handling

Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	
Expiry Date:	12 months	