

**bs-6789R****[ Primary Antibody ]****SRGN Rabbit pAb****BioSS**  
**ANTIBODIES**

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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human)  <b>Predicted MW.:</b> 14.7 kDa  <b>Subcellular Location:</b> Secreted ,Extracellular matrix ,Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 5552	<b>SWISS:</b> P10124	
<b>Target:</b> SRGN		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human SRGN: 61-158/158.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> 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.		

**— SELECTED CITATIONS —**

- **[IF=8]** Yuelan Tao, et al. Adipocyte-Derived Exosomal NOX4-Mediated Oxidative Damage Induces Premature Placental Senescence in Obese Pregnancy. INT J NANOMED. 2023 Aug 17 IHC,IF ;Human. 37608820