

**bs-17412R****[ Primary Antibody ]****Histatin 1 Rabbit pAb**

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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>ICC/IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human)   <b>Predicted MW.:</b> 7 kDa  <b>Subcellular Location:</b> Secreted
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 3346	<b>SWISS:</b> P15515	
<b>Target:</b> Histatin 1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Histatin 1: 21-57/57.		
<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> Histatin 1 is a histidine-rich phosphoprotein present in human parotid saliva that possesses candidacidal activity and functions in mineralization by adsorbing to hydroxyapatite. Phosphorylation of histatin 1 contributes to its ability to bind hydroxyapatite. Salivary histatins are a family of small histidine-rich peptides with potent antifungal activity. Submandibular and sublingual histatin secretion levels may affect the status of yeast present in the mouth. As a result, histatins have been implicated as potential therapeutic agents against oral candidiasis. A decrease in salivary histatins in relation to total salivary protein is common in old age and can influence the ability of the oral host defense system to address pathogens.		