**bs-17412R** **[ Primary Antibody ]**

# Histatin 1 Rabbit pAb

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## DATASHEET

**Host:** Rabbit **Isotype:** IgG

**Clonality:** Polyclonal

**GeneID:** 3346 **SWISS:** P15515

**Target:** Histatin 1

**Immunogen:** KLH conjugated synthetic peptide derived from human Histatin 1: 21-57/57.

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**Storage:** 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.

**Background:** 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.

**Applications:** **IHC-P** (1:100-500)
**IHC-F** (1:100-500)
**IF** (1:100-500)
**ICC/IF** (1:100-500)
**ELISA** (1:5000-10000)

**Reactivity:** (predicted: Human)

**Predicted MW.:** 7 kDa

**Subcellular Location:** Secreted