

Histatin 1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56694**Specification****Histatin 1 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	P15515
Host	Rabbit
Clonality	Polyclonal
Calculated MW	6963

Histatin 1 Polyclonal Antibody - Additional Information**Gene ID** 3346**Other Names**

Histatin-1, Histidine-rich protein 1, Post-PB protein, PPB, His1-(31-57)-peptide, His1 31/57, His1-(12-38)-peptide, His1 12/38, Histatin-2, HTN1, HIS1

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Histatin 1 Polyclonal Antibody - Protein Information**Name** HTN1 ([HGNC:5283](#))**Synonyms** HIS1**Function**

Histatins (Hsts) are cationic and histidine-rich secreted peptides mainly synthesized by saliva glands of humans and higher primates (PubMed:3286634, PubMed:3944083). Hsts are considered to be major precursors of the protective proteinaceous structure on tooth surfaces (enamel pellicle). Hsts can be divided into two major groups according to their biological functions: antimicrobial Hsts (e.g. Hst 5/HTN3) and cell-activating Hsts (e.g. Hst 1/HTN1 and Hst 2/HTN1) (PubMed:32225006). Hst 1/HTN1 and Hst 2/HTN1 act in different cell types (epithelium, fibroblasts and endothelium) in oral and non-oral mucosa (PubMed:25903106, PubMed:28542418, PubMed:28751526, PubMed:32225006).

Cellular Location

[Histatin-1]: Secreted. Mitochondrion. Endoplasmic reticulum membrane. Note=Hst 1 co-localized with mitochondria as well as the endoplasmic reticulum (ER) after internalization in host cells.

Tissue Location

[Histatin-1]: Submandibular and parotid glands.

Histatin 1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Histatin 1 Polyclonal Antibody - Images