

For Research Use Only

# STATH Polyclonal antibody

Catalog Number: 19724-1-AP **1 Publications**



## Basic Information

**Catalog Number:**

19724-1-AP

**Size:**

350 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_003154

**GeneID (NCBI):**

6779

**UNIPROT ID:**

P02808

**Full Name:**

statherin

**Calculated MW:**

7 kDa

**Observed MW:**

7 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:2000-1:10000

## Applications

**Tested Applications:**

WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse

**Cited Species:**

human

**Positive Controls:**

WB : human saliva, mouse pancreas tissue

## Background Information

STATH belongs to the histatin/statherin family. STATH is a salivary protein that stabilizes saliva supersaturated with calcium salts by inhibiting the precipitation of calcium phosphate salts. It also modulates hydroxyapatite crystal formation on the tooth surface.

## Notable Publications

Author	Pubmed ID	Journal	Application
Masahiro Izumi	25793156	BBA Clin	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

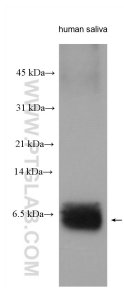
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



human saliva were subjected to SDS PAGE followed by western blot with 19724-1-AP (STATH antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.