

For Research Use Only

CST5 Polyclonal antibody

Catalog Number: 30988-1-AP



Basic Information

Catalog Number: 30988-1-AP	GenBank Accession Number: BC069514	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 1473	Recommended Dilutions: WB 1:5000-1:50000
Source: Rabbit	UNIPROT ID: P28325	
Isotype: IgG	Full Name: cystatin D	
Immunogen Catalog Number: AG34412	Observed MW: 14-16 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human saliva tissue,
Species Specificity: Human	

Background Information

CST5 (cystatin D), it is expected to be located in cytoplasmic and extracellular, and the protein is restrictively expressed at salivary gland. Human cystatin D is a novel member of the cystatin superfamily of cysteine proteinase inhibitors present in saliva and tears. The inhibitory properties displayed by cystatin D suggest that it has a function in saliva as inhibitor of either endogenous or exogenous enzymes with cathepsin S- or H-like properties (PMID: 8083219). The calculated molecular weight of CST5 is 16 kDa.

Storage

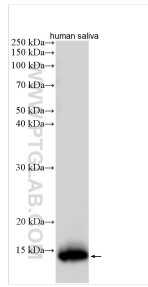
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30988-1-AP (CST5 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.