

For Research Use Only

# Cathepsin F Polyclonal antibody

Catalog Number: 11055-1-AP

Featured Product

4 Publications



## Basic Information

Catalog Number:

11055-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1521

GenBank Accession Number:

BC011682

GeneID (NCBI):

8722

UNIPROT ID:

Q9UBX1

Full Name:

cathepsin F

Calculated MW:

53 kDa and 34 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:20-1:200

## Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

IHC : human prostate cancer tissue, human heart tissue, human stomach cancer tissue, mouse heart tissue, mouse liver tissue

## Background Information

CTSF (Cathepsin F) is a member of the papain family of cysteine proteases. These enzymes represent a major component of the lysosomal proteolytic system. They are synthesized as inactive precursors consisting of a signal sequence, a propeptide, and a catalytically active mature region. Cathepsins are routed to the endosomal/lysosomal compartment via the mannose 6-phosphate receptor pathway. The deduced 484-amino acid cathepsin F protein has a signal sequence and potential glycosylation sites.

## Notable Publications

Author	Pubmed ID	Journal	Application
Saghizadeh Mehrnoosh M	19828126	Brain Res Bull	IHC
Chaoling Yao	34372921	Stem Cell Res Ther	IHC
Yuqi Lin	36749723	Proc Natl Acad Sci U S A	IHC

## 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:

T: 4006900926

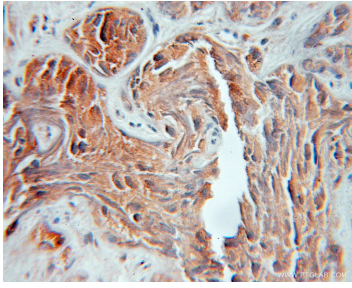
E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 11055-1-AP (Cathepsin F antibody) at dilution of 1:100 (under 10x lens).