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Cathepsin F Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10274

Specification

Cathepsin F Antibody - Product Information

Application	**WB**
Primary Accession	Q9UBX1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**53366**

Cathepsin F Antibody - Additional Information

Gene ID 8722

Application & Usage	**Western blotting (1:500-2000). However, the optimal conditions should be determined individually. Detects ~55 kDa cathepsin F precursor and ~35 kDa mature cathepsins F.**

Other Names
cysteine protease

Target/Specificity
Cathepsin F

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (1 mg/ml) affinity purified rabbit anti-cathepsin F polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
Cathepsin F Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Cathepsin F Antibody - Protein Information

Name CTSF

Function
Thiol protease which is believed to participate in intracellular degradation and turnover of proteins. Has also been implicated in tumor invasion and metastasis.

Cellular Location
Lysosome.

Tissue Location
High expression levels in heart, skeletal muscle, brain, testis and ovary; moderate levels in prostate, placenta, liver and colon; and no detectable expression in peripheral leukocytes and thymus

Cathepsin F 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 Cytomety
- Cell Culture

Cathepsin F Antibody - Images

Cathepsin F Antibody - Background

Cathepsin F is a cysteine protease that plays a role in invariant chain processing and major histocompatibility complex class II peptide loading by microphages. Cathepsin F has the substrate specificity similar to that of cathepsins L and S.