

Cathepsin G Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10273**Specification**

Cathepsin G Antibody - Product Information

Application	WB
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

Cathepsin G Antibody - Additional Information

Application & Usage	Western blotting (1:500-2000). However, the optimal conditions should be determined individually.
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Other Names

CTSG , CG , MGC23078 , EC 3.4.21.20

Target/Specificity

Cathepsin G

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

200 µl peptide affinity purified rabbit anti-cathepsin G polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

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

Cathepsin G Antibody - Protein Information

Cathepsin G 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](#)

Cathepsin G Antibody - Images

Cathepsin G Antibody - Background

The cathepsin family of proteolytic enzymes contains several diverse classes of proteases. The cysteine protease class comprises cathepsins B, L, H, K, S, and O. The aspartyl protease class is composed of cathepsins D and E. Cathepsin G is in the serine protease class. Most cathepsins are lysosomal and each is involved in cellular metabolism, participating in various events such as peptide biosynthesis and protein degradation. Cathepsin G expression is restricted to bone marrow and early myeloid cells.