

# Cleaved-Cathepsin D LC (G65) Polyclonal Antibody

**Catalog # AP63113** 

#### **Specification**

### Cleaved-Cathepsin D LC (G65) Polyclonal Antibody - Product Information

Application WB
Primary Accession P07339

Reactivity Human, Monkey

Host Rabbit Clonality Polyclonal

### Cleaved-Cathepsin D LC (G65) Polyclonal Antibody - Additional Information

**Gene ID 1509** 

**Other Names** 

CTSD; CPSD; Cathepsin D

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

**Format** 

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions** 

-20°C

### Cleaved-Cathepsin D LC (G65) Polyclonal Antibody - Protein Information

**Name CTSD** 

**Synonyms** CPSD

#### **Function**

Acid protease active in intracellular protein breakdown. Plays a role in APP processing following cleavage and activation by ADAM30 which leads to APP degradation (PubMed:<a href="http://www.uniprot.org/citations/27333034" target="\_blank">27333034</a>). Involved in the pathogenesis of several diseases such as breast cancer and possibly Alzheimer disease.

#### **Cellular Location**

Lysosome. Melanosome. Secreted, extracellular space. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV. In aortic samples, detected as an extracellular protein loosely bound to the matrix (PubMed:20551380)

### **Tissue Location**

Expressed in the aorta extracellular space (at protein level) (PubMed:20551380). Expressed in liver (at protein level) (PubMed:1426530).

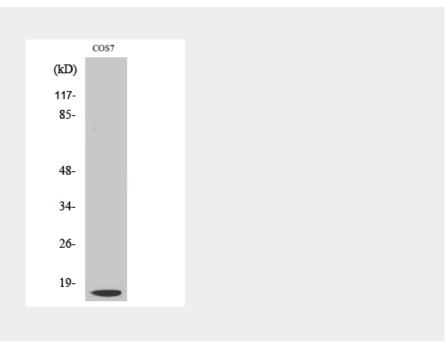


### Cleaved-Cathepsin D LC (G65) Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## Cleaved-Cathepsin D LC (G65) Polyclonal Antibody - Images



### Cleaved-Cathepsin D LC (G65) Polyclonal Antibody - Background

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