

Cathepsin D Rabbit mAb
Catalog # AP78955**Specification**

Cathepsin D Rabbit mAb - Product Information

| | |
|-------------------|------------------------|
| Application | WB |
| Primary Accession | P07339 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Monoclonal Antibody |
| Calculated MW | 44552 |

Cathepsin D Rabbit mAb - Additional Information**Gene ID** 1509**Other Names**
CTSD**Dilution**
WB~~1/500-1/1000**Format**
Liquid**Cathepsin D Rabbit mAb - 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:27333034). 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).

Cathepsin D Rabbit mAb - 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 D Rabbit mAb - Images

