

Cathepsin B Rabbit mAb
Catalog # AP77231**Specification**

Cathepsin B Rabbit mAb - Product Information

Application	WB
Primary Accession	P07858
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	37822

Cathepsin B Rabbit mAb - Additional Information**Gene ID** 1508**Other Names**
CTSB**Dilution**
WB~~1/500-1/1000**Format**
Liquid**Cathepsin B Rabbit mAb - Protein Information****Name** CTSB**Synonyms** CPSB**Function**

Thiol protease which is believed to participate in intracellular degradation and turnover of proteins (PubMed:12220505). Cleaves matrix extracellular phosphoglycoprotein MEPE (PubMed:12220505). Involved in the solubilization of cross-linked TG/tyroglobulin in the thyroid follicle lumen (By similarity). Has also been implicated in tumor invasion and metastasis (PubMed:3972105).

Cellular Location

Lysosome. Melanosome. Secreted, extracellular space {ECO:0000250|UniProtKB:A1E295}. Apical cell membrane {ECO:0000250|UniProtKB:P10605}; Peripheral membrane protein {ECO:0000250|UniProtKB:P10605}; Extracellular side {ECO:0000250|UniProtKB:P10605}. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065) Localizes to the lumen of thyroid follicles and to the apical membrane of thyroid epithelial cells (By similarity) {ECO:0000250|UniProtKB:P10605, ECO:0000269|PubMed:17081065}

Tissue Location

Expressed in the stratum spinosum of the epidermis. Weak expression is detected in the stratum granulosum

Cathepsin B 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 B Rabbit mAb - Images

