

Cathepsin S Antibody
Rabbit mAb
Catalog # AP91909**Specification****Cathepsin S Antibody - Product Information**

Application	WB, IHC, ICC
Primary Accession	P25774
Clonality	Monoclonal
Other Names	
CTSS; Cathepsin S; Cat-s; CATS;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	37496 Da

Cathepsin S Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Cathepsin S
Description	Thiol protease. Key protease responsible for the removal of the invariant chain from MHC class II molecules. The bond-specificity of this proteinase is in part similar to the specificities of cathepsin L and cathepsin N.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Cathepsin S Antibody - Protein Information**Name** CTSS**Function**

Thiol protease. Key protease responsible for the removal of the invariant chain from MHC class II molecules and MHC class II antigen presentation (PubMed:30612035). The bond-specificity of this proteinase is in part similar to the specificities of cathepsin L.

Cellular Location

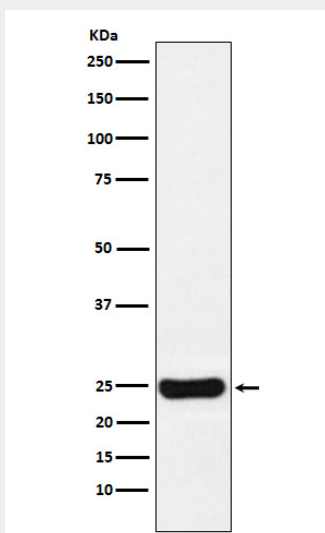
Lysosome. Secreted. Cytoplasmic vesicle, phagosome

Cathepsin S 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 S Antibody - Images



Western blot analysis of Cathepsin S expression in U87-MG cell lysate.