

CTSS antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14591**Specification**

CTSS antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P25774
Other Accession	NM_004079 , NP_004070
Reactivity	Human, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Pig, Guinea Pig
Clonality	Rabbit
Calculated MW	Polyclonal 37kDa KDa

CTSS antibody - N-terminal region - Additional Information**Gene ID** 1520

Alias Symbol	MGC3886
Other Names	
Cathepsin S, 3.4.22.27, CTSS	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-CTSS antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

CTSS antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

CTSS antibody - N-terminal region - 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

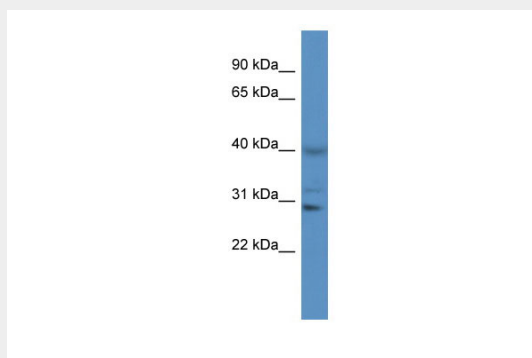
Lysosome. Secreted. Cytoplasmic vesicle, phagosome

CTSS antibody - N-terminal region - 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](#)

CTSS antibody - N-terminal region - Images



WB Suggested Anti-CTSS Antibody Titration: 1.0 µg/ml
Positive Control: Jurkat Whole Cell

CTSS antibody - N-terminal region - References

Shi G.-P., et al. J. Biol. Chem. 267:7258-7262(1992).
Wiederanders B., et al. J. Biol. Chem. 267:13708-13713(1992).
Wiederanders B., et al. Submitted (MAY-1995) to the EMBL/GenBank/DDBJ databases.
Shi G.-P., et al. J. Biol. Chem. 269:11530-11536(1994).
Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.