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# 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 | **Human, Pig, Guinea Pig** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **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:<a href="http://www.uniprot.org/citations/30612035" target="_blank">30612035</a>). The bond-specificity of this proteinase is in part similar to the specificities of cathepsin L.

**Cellular Location**
Lysosome. Secreted. Cytoplasmic vesicle, phagosome

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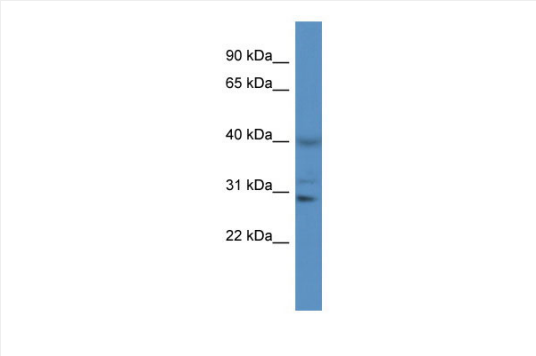
## CTSS antibody - N-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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

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Wiederanders B.,et al.J. Biol. Chem. 267:13708-13713(1992).
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