

CTSS / Cathepsin S Antibody
Rabbit Polyclonal Antibody
Catalog # ALS15572**Specification**

CTSS / Cathepsin S Antibody - Product Information

Application	IHC, WB
Primary Accession	P25774
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37kDa KDa

CTSS / Cathepsin S Antibody - Additional Information**Gene ID** 1520**Other Names**

Cathepsin S, 3.4.22.27, CTSS

Target/Specificity

Detects 37 kD human cathepsin S. Cross-reactivity to other species has not been determined.

Reconstitution & Storage

Long term: -70°C; Short term: -20°C

Precautions

CTSS / Cathepsin S Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CTSS / 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

Volume

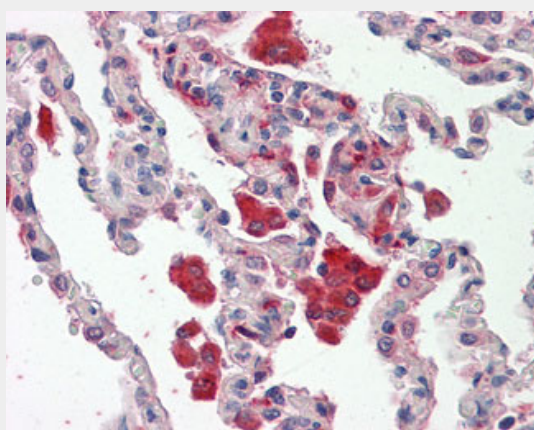
50 µl

CTSS / Cathepsin S Antibody - Protocols

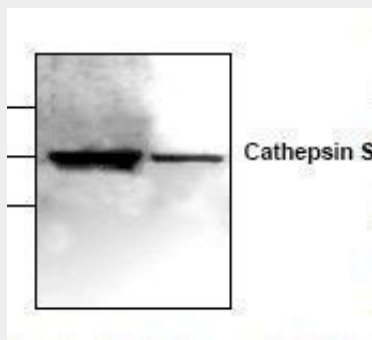
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CTSS / Cathepsin S Antibody - Images



Anti-CTSS / Cathepsin S antibody IHC staining of human lung.



Western blot of Cathepsin S antibody ALS15572.

CTSS / Cathepsin S Antibody - Background

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.

CTSS / Cathepsin S Antibody - 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.