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CTSS antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14591

Product Information

Application	WB
Primary Accession	P25774
Other Accession	NM_004079, NP_004070
Reactivity	Human, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Pig, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37496

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.

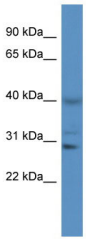
Protein Information

Name	CTSS
Function	Thiol protease (PubMed: 30612035). 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 (PubMed:30612035). Elicits itch by mediating cleavage and activation of MRGPRX1 (By similarity).
Cellular Location	Lysosome. Secreted. Cytoplasmic vesicle, phagosome

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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.