


Product datasheet

Anti-Cathepsin S antibody ab96788

[1 References](#) [2 Images](#)

Overview

Product name	Anti-Cathepsin S antibody
Description	Rabbit polyclonal to Cathepsin S
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Cow, Dog 
Immunogen	Recombinant protein fragment, corresponding to a region within amino acids 32-275 of Human Cathepsin S (NP_004070).
Positive control	A431, HeLa and HepG2 whole cell lysate (ab7900) for WB and endomitral OVCA for IHC-P
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab96788 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 37 kDa.
IHC-P		1/100 - 1/250.

Target

Function

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.

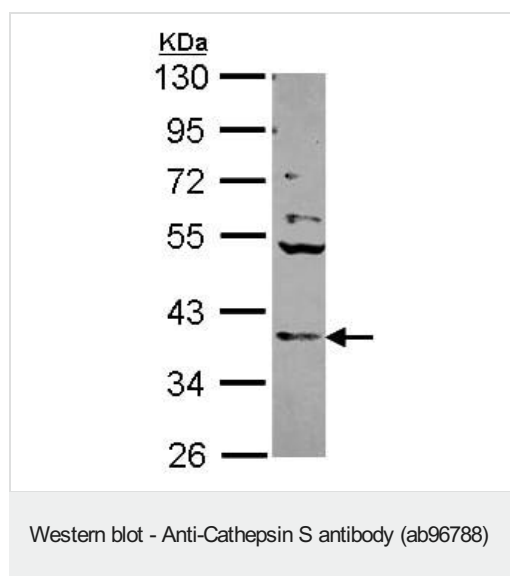
Sequence similarities

Belongs to the peptidase C1 family.

Cellular localization

Lysosome.

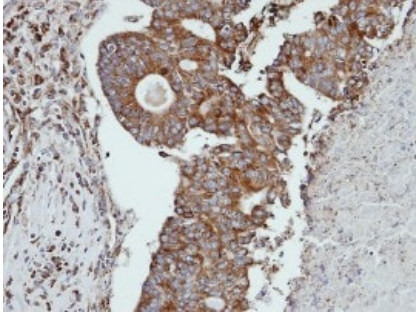
Images



Anti-Cathepsin S antibody (ab96788) at 1/1000 dilution + A431 whole cell lysate at 30 µg

Predicted band size: 37 kDa

10% SDS PAGE



Immunohistochemical analysis of paraffin-embedded endometrial OVCA, using ab96788 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cathepsin S antibody (ab96788)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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