

# Product Datasheet

## Cathepsin S Antibody - BSA Free NBP1-85807

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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**NBP1-85807**

Cathepsin S Antibody - BSA Free

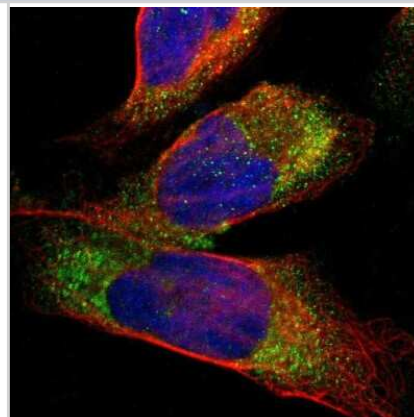
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	37 kDa

Product Description	
Host	Rabbit
Gene ID	1520
Gene Symbol	CTSS
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NGGFMTTAFQYIIDNKGIDSDASYPYKAMDQKQCQYDSKYRAATCSKYTELPYG REDVLKEAVANKGPVSVGVDARHPSFFLYRSGVYYEPSCTQNVNHGVLVVG GDLNGKEYWLVKNSWGHNFGEEGYIRMARNKGNHCG

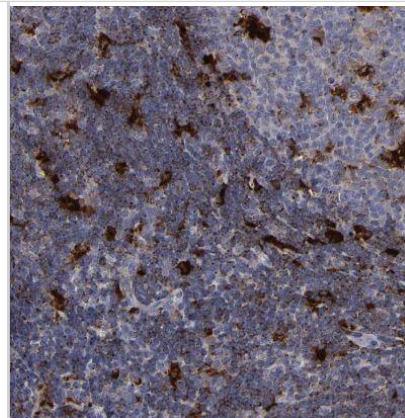
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

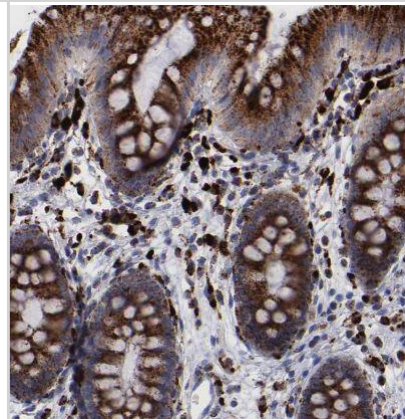
Immunocytochemistry/Immunofluorescence: Cathepsin S Antibody [NBP1-85807] - Staining of human cell line U-2 OS shows localization to vesicles. Antibody staining is shown in green.



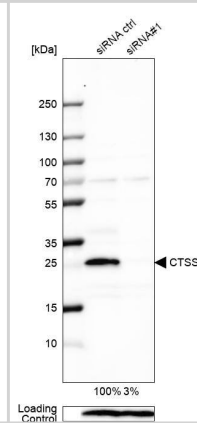
Immunohistochemistry-Paraffin: Cathepsin S Antibody [NBP1-85807] - Staining of human lymph node shows strong cytoplasmic granular positivity in a subset of non-germinal center cells and germinal center cells



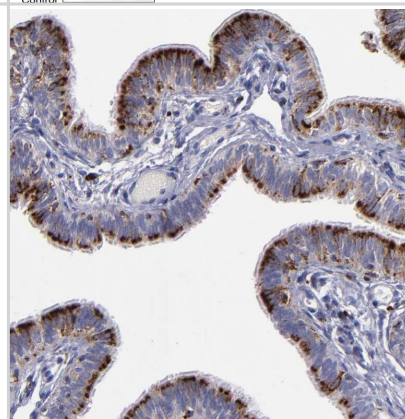
Immunohistochemistry-Paraffin: Cathepsin S Antibody [NBP1-85807] - Staining of human colon shows strong cytoplasmic granular positivity in glandular cells.



Analysis in U-87MG ATCC cells transfected with control siRNA, target specific siRNA probe #1, using Anti-CTSS antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



Staining of human fallopian tube shows strong cytoplasmic granular positivity in glandular cells.



## Publications

Rushika M. Perera, Svetlana Stoykova, Brandon N. Nicolay et al. Transcriptional control of autophagy-lysosome function drives pancreatic cancer metabolism. *Nature* 2015-07-13 [PMID: 26168401] (IF/IHC, Human)

Ma Y, Visser L, Roelofsen H et al. Proteomics analysis of Hodgkin lymphoma: identification of new players involved in the cross-talk between HRS cells and infiltrating lymphocytes. *Blood* 2008-02-01 [PMID: 18070985]



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### **Products Related to NBP1-85807**

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NBP1-85807PEP	Cathepsin S Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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