

# Product Datasheet

## Cathepsin H Antibody - BSA Free NBP1-90273

Unit Size: 0.1 ml

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

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**NBP1-90273**

Cathepsin H Antibody - BSA Free

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

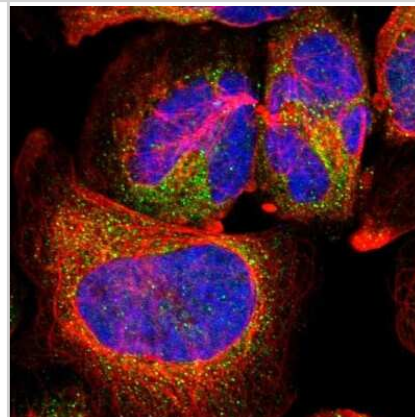
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	1512
<b>Gene Symbol</b>	CTSH
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (80%), Rat (82%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LPSQAFEYILYNKGIMGEDTYPYQGKDG YCKFQPGKAIGFVKD VANITIYDEEA MVEAVALYNPVSFAFEVTQDFMMYRTGIYSSTSCHKTPDKVNHAVLAVGYGEK NGIPYWIVKNSWGPQWGMNGYFL

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

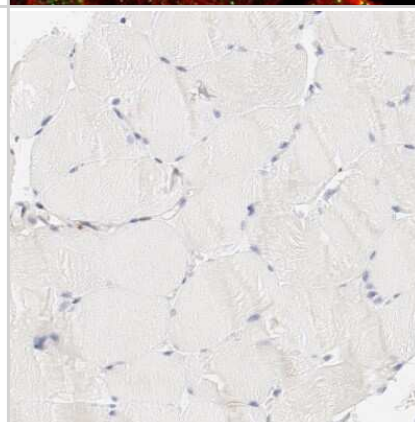


## Images

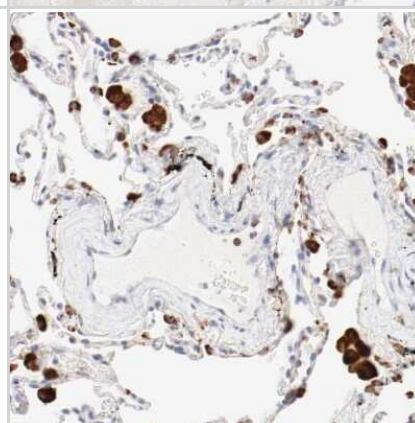
Immunocytochemistry/Immunofluorescence: Cathepsin H Antibody [NBP1-90273] - Staining of human cell line U-2 OS shows localization to vesicles.



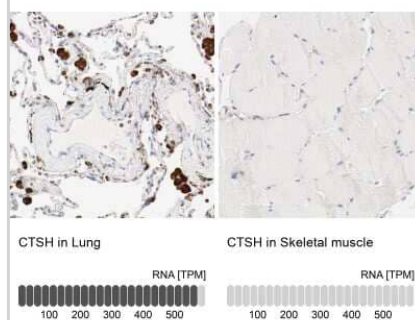
Immunohistochemistry-Paraffin: Cathepsin H Antibody [NBP1-90273] - Staining of human skeletal muscle shows low expression as expected.



Immunohistochemistry-Paraffin: Cathepsin H Antibody [NBP1-90273] - Staining of human lung shows high expression.



Immunohistochemistry-Paraffin: Cathepsin H Antibody [NBP1-90273] - Staining in human lung and skeletal muscle tissues using anti-CTSH antibody. Corresponding CTSH RNA-seq data are presented for the same tissues.





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### **Products Related to NBP1-90273**

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NBP1-90273PEP	Cathepsin H 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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