

# Product Datasheet

## Cathepsin D Antibody - BSA Free NBP1-85562

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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Updated 12/2/2025 v.20.1

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**NBP1-85562****Cathepsin D Antibody - BSA Free**

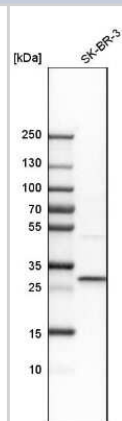
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality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

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Cathepsin D Antibody - BSA Free (NBP1-85562) is a polyclonal antibody validated for use in IHC and WB. Anti-Cathepsin D Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1509
<b>Gene Symbol</b>	CTSD
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (86%)
<b>Marker</b>	Lysosomes Marker
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LWVPSIHCKLLDIACWIHHKYNSDKSSTYVKNGTSTFDIHYGSGSLSGYLSQDTV SVPCQSASSASALGGVKVERQVFGTEATKQPGITFIAAKFDGILGMAYPRISVNN VLPVFDNLMQQKLVDQNIJSFYLSRDPDAQPGGELMLGGT

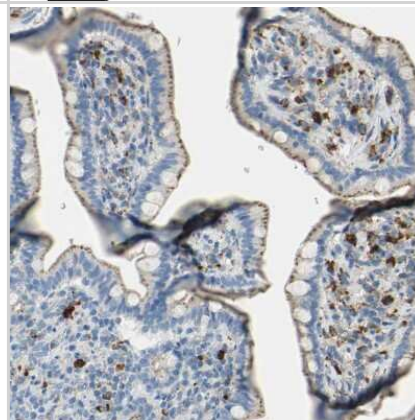
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

## Images

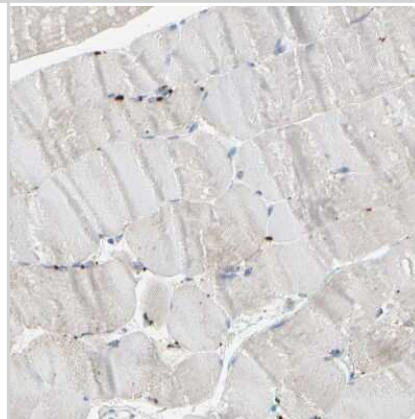
Western Blot: Cathepsin D Antibody [NBP1-85562] - Analysis in human cell line SK-BR-3.



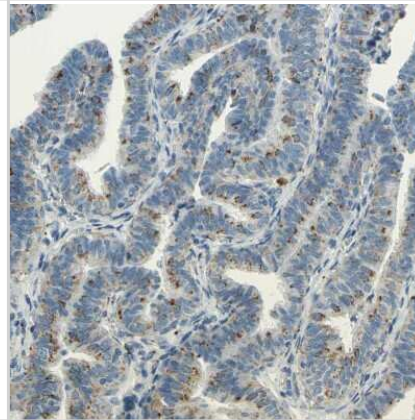
Immunohistochemistry-Paraffin: Cathepsin D Antibody [NBP1-85562] - Staining of human small intestine shows moderate to strong granular cytoplasmic positivity in glandular and lymphoid cells.



Immunohistochemistry-Paraffin: Cathepsin D Antibody [NBP1-85562] - Staining of human skeletal muscle shows occasional granular cytoplasmic positivity in a subset of myocytes.



Immunohistochemistry-Paraffin: Cathepsin D Antibody [NBP1-85562] - Staining of human fallopian tube shows moderate granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Cathepsin D Antibody [NBP1-85562] - Staining of human cerebral cortex shows strong granular cytoplasmic positivity in neurons.



## Publications

Mastroiacovo F, Biagioni F, Lenzi P et al. Within the Ischemic Penumbra, Sub-Cellular Compartmentalization of Heat Shock Protein 70 Overlaps with Autophagy Proteins and Fails to Merge with Lysosomes Molecules (Basel, Switzerland) 2022-05-13 [PMID: 35630599]

Ahmad Y, Boisvert FM, Lundberg E et al. Systematic analysis of protein pools, isoforms, and modifications affecting turnover and subcellular localization. Mol Cell Proteomics 2012-03-01 [PMID: 22002106]



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### **Products Related to NBP1-85562**

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NBP1-85562PEP	Cathepsin D Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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