

# Product Datasheet

## Cystatin B/Stefin B Antibody - BSA Free NBP1-85430

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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**NBP1-85430**

Cystatin B/Stefin B 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**

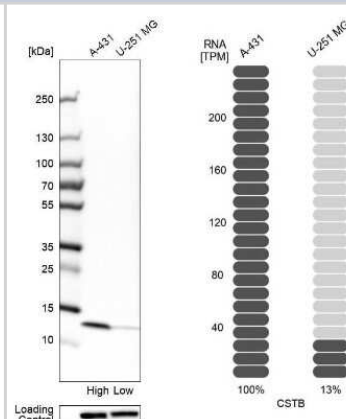
<b>Host</b>	Rabbit
<b>Gene ID</b>	1476
<b>Gene Symbol</b>	CSTB
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: QVRSQLEEKENKKFPVFKAVSFKSQVVAGTNYFIKVVHVGDEDFVHLRVFQSLP HENKPLTLSNYQTNKAKHDELT

**Product Application Details**

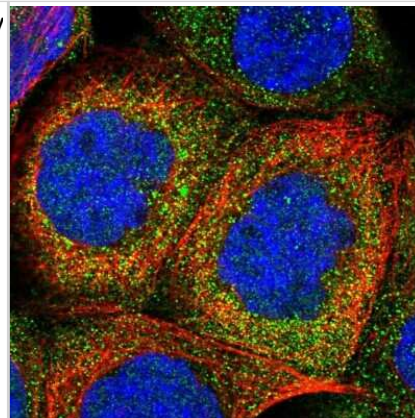
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

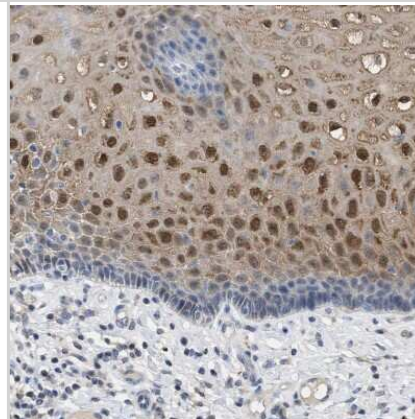
Western Blot: Cystatin B/Stefin B Antibody [NBP1-85430] - Analysis in human cell lines A-431 and U-251MG using anti-CSTB antibody. Corresponding CSTB RNA-seq data are presented for the same cell lines. Loading control: anti-HSP90B1.



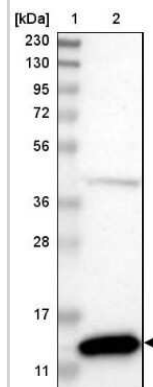
Immunocytochemistry/Immunofluorescence: Cystatin B/Stefin B Antibody [NBP1-85430] - Staining of human cell line A-431 shows localization to cytosol. Antibody staining is shown in green.



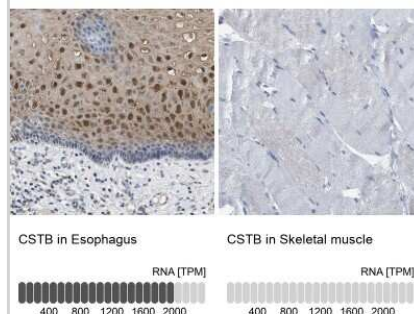
Immunohistochemistry-Paraffin: Cystatin B/Stefin B Antibody [NBP1-85430] - Staining of human esophagus shows moderate to strong nuclear positivity in squamous epithelial cells.



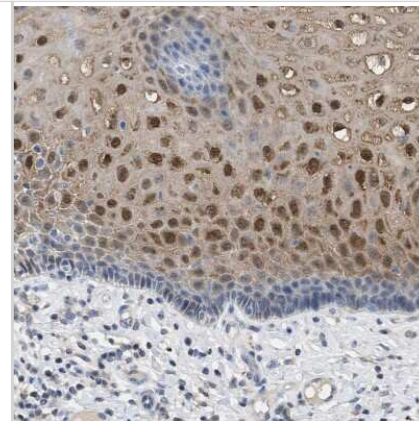
Western Blot: Cystatin B/Stefin B Antibody [NBP1-85430] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-557



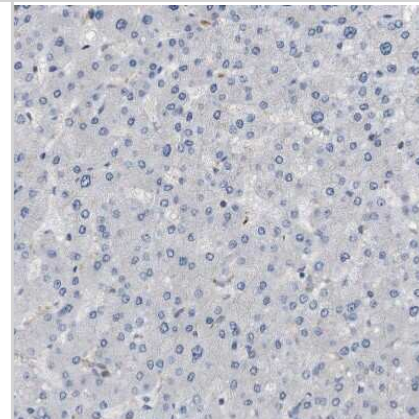
Immunohistochemistry-Paraffin: Cystatin B/Stefin B Antibody [NBP1-85430] - Analysis in human esophagus and skeletal muscle tissues. Corresponding Cystatin B/Stefin B RNA-seq data are presented for the same tissues.



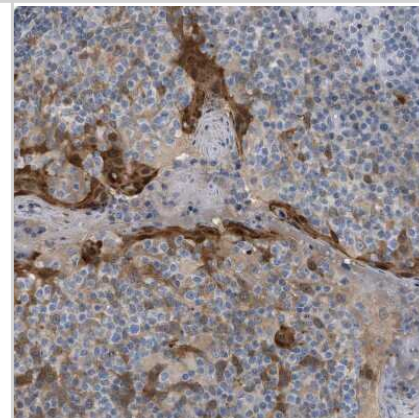
Immunohistochemistry-Paraffin: Cystatin B/Stefin B Antibody [NBP1-85430] - Staining of human esophagus shows moderate to strong nuclear positivity in squamous epithelial cells.



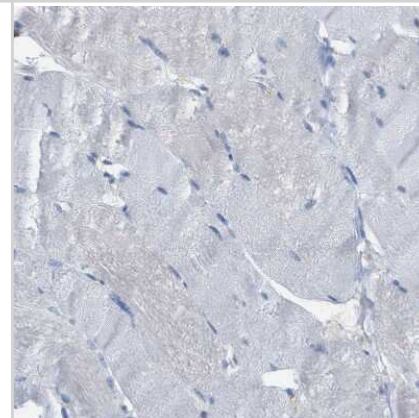
Immunohistochemistry-Paraffin: Cystatin B/Stefin B Antibody [NBP1-85430] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: Cystatin B/Stefin B Antibody [NBP1-85430] - Staining of human tonsil shows moderate to strong nuclear and cytoplasmic positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: Cystatin B/Stefin B Antibody [NBP1-85430] - Staining of human skeletal muscle shows no positivity in myocytes as expected.





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### **Products Related to NBP1-85430**

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NBP1-85430PEP	Cystatin B/Stefin B 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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