

# Product Datasheet

## Catalase Antibody - BSA Free

### NBP2-38772

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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**NBP2-38772**

Catalase 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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

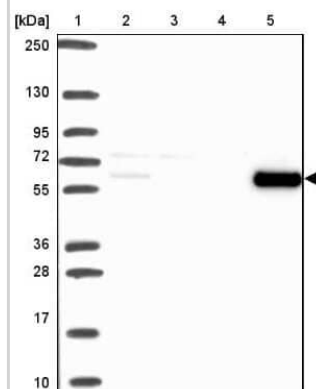
Product Description	
Description	Novus Biologicals Rabbit Catalase Antibody - BSA Free (NBP2-38772) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	847
Gene Symbol	CAT
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: NTANDDNVTQVRAFYVNVLNEEQRKRLCENIAGHLKDAQIFIQKKAVKNFTEVH PDYGSHIQALLDKYNAEKPKNAIHTFVQSGSHL

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
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
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

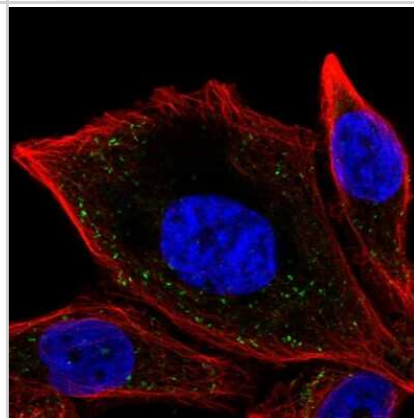


## Images

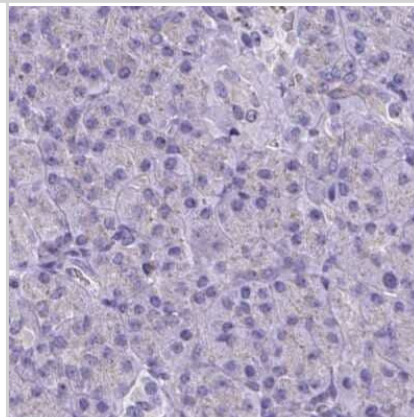
Western Blot: Catalase Antibody [NBP2-38772] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG. Lane 4: Human Plasma. Lane 5: Human liver tissue



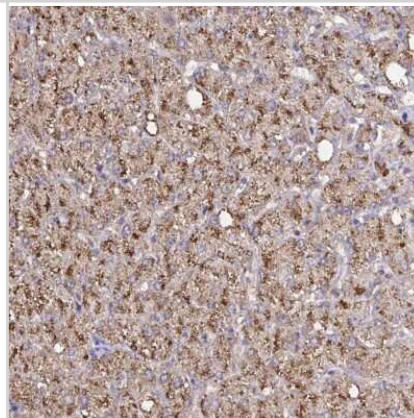
Immunocytochemistry/Immunofluorescence: Catalase Antibody [NBP2-38772] - Immunofluorescent staining of human cell line PC-3 shows localization to vesicles.



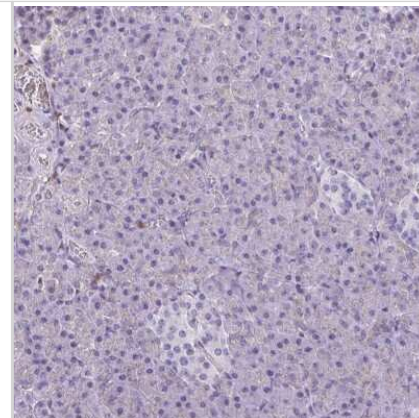
Immunohistochemistry-Paraffin: Catalase Antibody [NBP2-38772] - Staining of human pancreas using Anti-CAT antibody NBP2-38772.



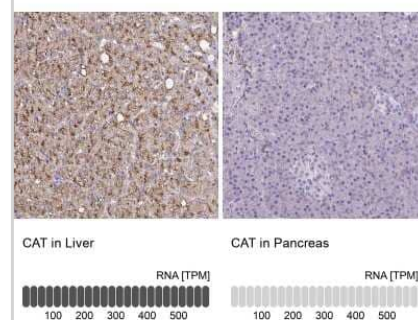
Immunohistochemistry: Catalase Antibody [NBP2-38772] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



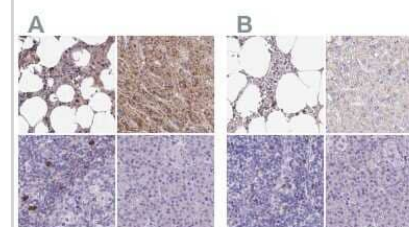
Immunohistochemistry-Paraffin: Catalase Antibody [NBP2-38772] - Staining of human pancreas shows low expression as expected.



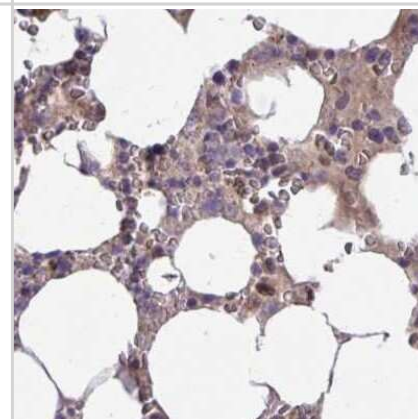
Immunohistochemistry-Paraffin: Catalase Antibody [NBP2-38772] - Staining in human liver and pancreas tissues using anti-CAT antibody. Corresponding CAT RNA-seq data are presented for the same tissues.



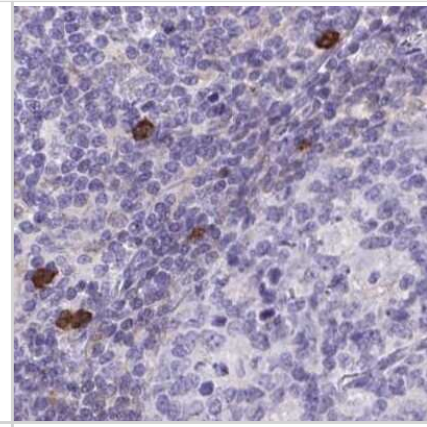
Immunohistochemistry-Paraffin: Catalase Antibody [NBP2-38772] - Staining of human bone marrow, liver, lymph node and pancreas using Anti-CAT antibody NBP2-38772 (A) shows similar protein distribution across tissues to independent antibody NBP2-38646 (B).



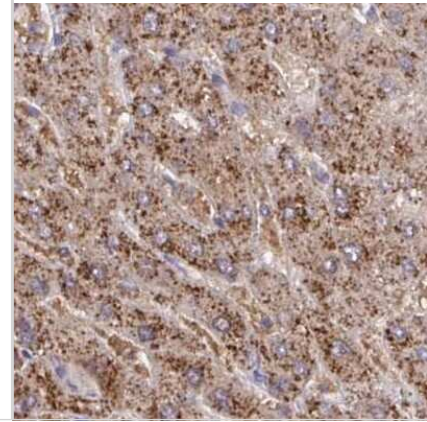
Immunohistochemistry-Paraffin: Catalase Antibody [NBP2-38772] - Staining of human bone marrow.



Immunohistochemistry-Paraffin: Catalase Antibody [NBP2-38772] -  
Staining of human lymph node.



Immunohistochemistry-Paraffin: Catalase Antibody [NBP2-38772] -  
Staining of human liver using Anti-CAT antibody NBP2-38772.







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### **Products Related to NBP2-38772**

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NBP2-38772PEP	Catalase 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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