

# Product Datasheet

## CYP27A1 Antibody - BSA Free NBP2-32433

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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**NBP2-32433**

CYP27A1 Antibody - BSA Free

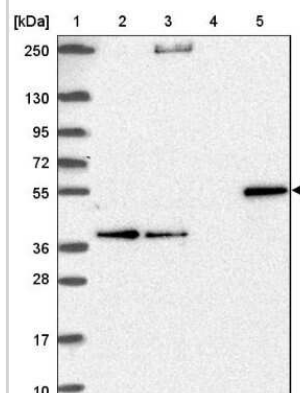
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit CYP27A1 Antibody - BSA Free (NBP2-32433) 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	1593
Gene Symbol	CYP27A1
Species	Human
Immunogen	This CYP27A1 Antibody was developed against a recombinant protein corresponding to amino acids: RQRSLEEIPRLGQLRFFFQLFVQGYALQLHQLQVLYKAKYGPMMWMSYLGPMQ HVNLASAPLLEQVMRQEGKYPVRNDMELWKEHRDQHDLTYPFTTEGHHWY QLRQALNQRLKPAEAALYTDAFNEVIDDFMTRLD

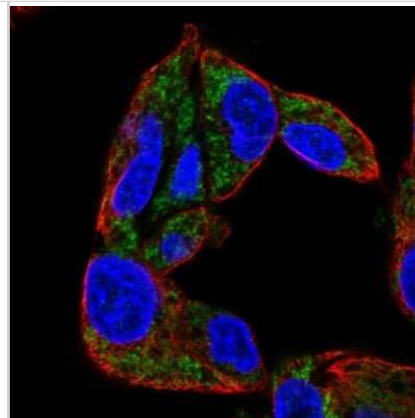
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/mL, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25 - 2 ug/mL, Immunohistochemistry-Paraffin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

**Images**

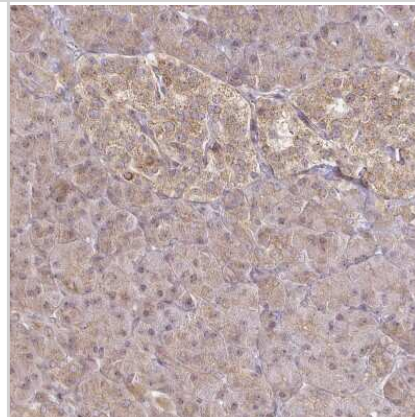
Western Blot: CYP27A1 Antibody [NBP2-32433] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue



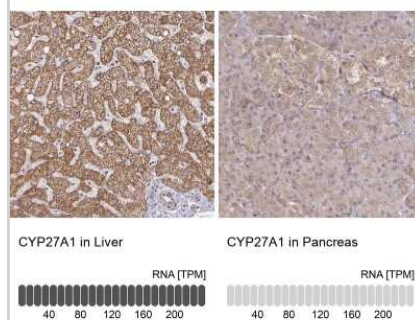
Immunocytochemistry/Immunofluorescence: CYP27A1 Antibody [NBP2-32433] - Staining of human cell line Hep G2 shows localization to mitochondria. Antibody staining is shown in green.



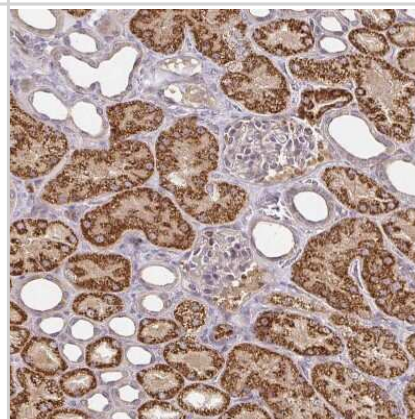
Immunohistochemistry-Paraffin: CYP27A1 Antibody [NBP2-32433] - Staining of human pancreas shows weak cytoplasmic positivity in exocrine glandular cells and in Langerhans islet cells.



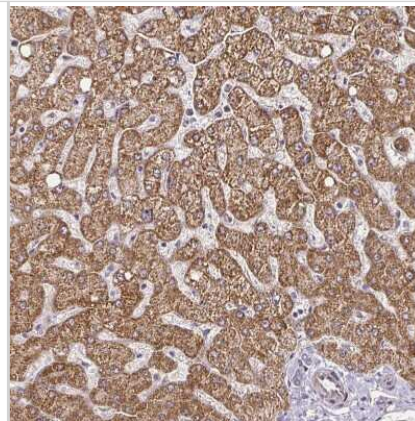
Immunohistochemistry-Paraffin: CYP27A1 Antibody [NBP2-32433] - Analysis in human liver and pancreas tissues. Corresponding CYP27A1 RNA-seq data are presented for the same tissues.



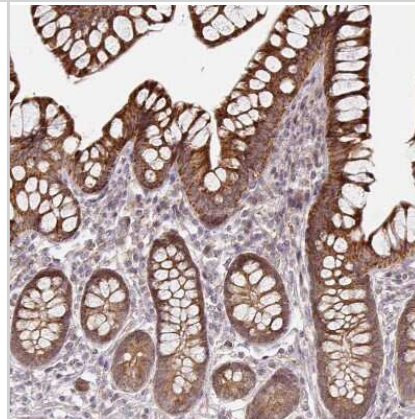
Immunohistochemistry-Paraffin: CYP27A1 Antibody [NBP2-32433] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: CYP27A1 Antibody [NBP2-32433] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: CYP27A1 Antibody [NBP2-32433] - Staining of human small intestine shows strong granular cytoplasmic positivity in glandular cells.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-32433**

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NBP2-32433PEP	CYP27A1 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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