

Product Datasheet

CYP51A1 Antibody NBP2-48733

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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Updated 11/8/2022 v.20.1

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NBP2-48733**CYP51A1 Antibody****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

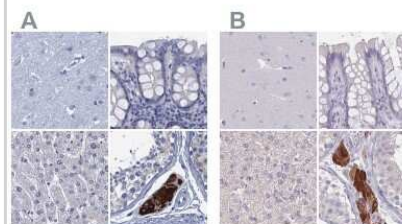
Host	Rabbit
Gene Symbol	CYP51A1
Species	Human
Reactivity Notes	Mouse (88%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: RSQLNEKVAQLYADLDGGFSHAAWLLPGWLPLPSFRRRDRAHREIKDIFYKAIQ KRRQSQEKIDDILQTLDDATYKDGRLTDDEVAGMLIGLLLAGQH

Product Application Details

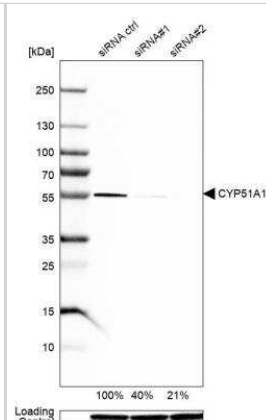
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

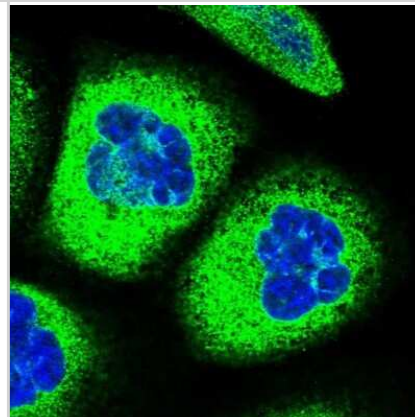
Immunohistochemistry-Paraffin: CYP51A1 Antibody [NBP2-48733] - Staining of human cerebral cortex, colon, liver and testis using Anti-CYP51A1 antibody NBP2-48733 (A) shows similar protein distribution across tissues to independent antibody NBP2-48793 (B).



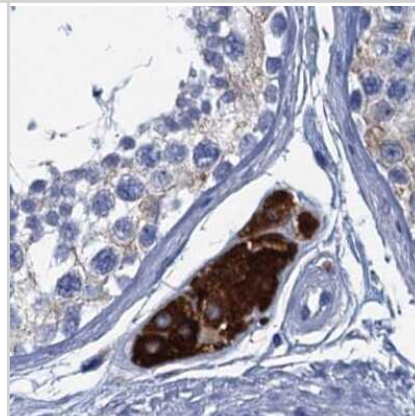
Western Blot: CYP51A1 Antibody [NBP2-48733] - Analysis in Caco-2 cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



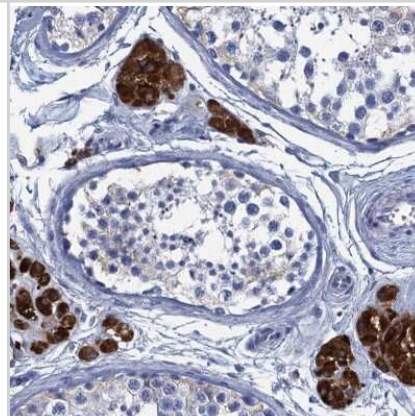
Immunocytochemistry/Immunofluorescence: CYP51A1 Antibody [NBP2-48733] - Staining of human cell line A-431 shows localization to endoplasmic reticulum. Antibody staining is shown in green.



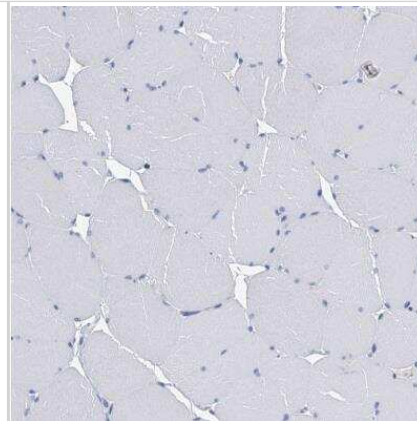
Immunohistochemistry-Paraffin: CYP51A1 Antibody [NBP2-48733] - Staining of human testis using Anti-CYP51A1 antibody NBP2-48733.



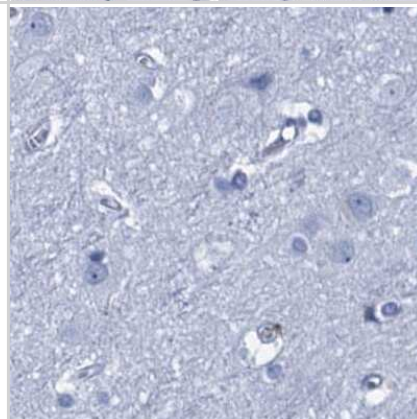
Immunohistochemistry-Paraffin: CYP51A1 Antibody [NBP2-48733] - Staining of human testis shows strong cytoplasmic positivity in Leydig cells.



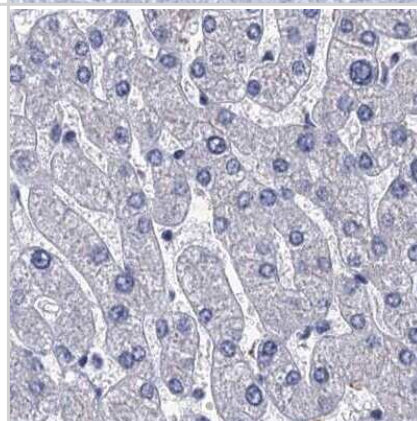
Immunohistochemistry-Paraffin: CYP51A1 Antibody [NBP2-48733] - Staining of human skeletal muscle shows no cytoplasmic positivity in myocytes.



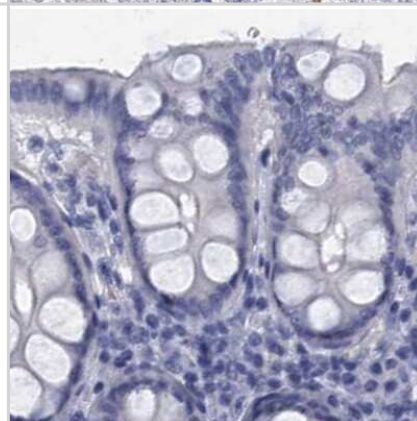
Immunohistochemistry-Paraffin: CYP51A1 Antibody [NBP2-48733] - Staining of human cerebral cortex.



Immunohistochemistry-Paraffin: CYP51A1 Antibody [NBP2-48733] - Staining of human liver.



Immunohistochemistry-Paraffin: CYP51A1 Antibody [NBP2-48733] - Staining of human colon.





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Products Related to NBP2-48733

NBP2-48733PEP	CYP51A1 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

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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