

Product Datasheet

Cytochrome P450 17A1 Antibody (JB93-32) NBP2-75461

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-75461**Cytochrome P450 17A1 Antibody (JB93-32)**

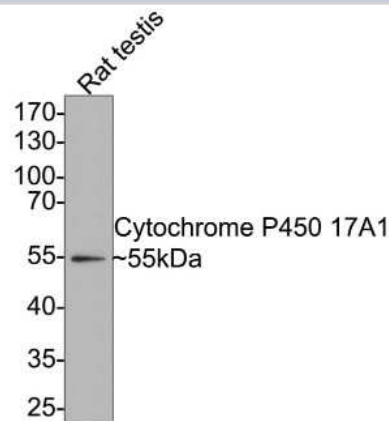
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JB93-32
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	57 kDa

Product Description	
Description	Novus Biologicals Rabbit Cytochrome P450 17A1 Antibody (JB93-32) (NBP2-75461) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1586
Gene Symbol	CYP17A1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human Cytochrome P450 17A1 aa 81-240 / 508. (SwissProt: P05093 Human; SwissProt: P27786 Mouse; SwissProt: P11715 Rat)

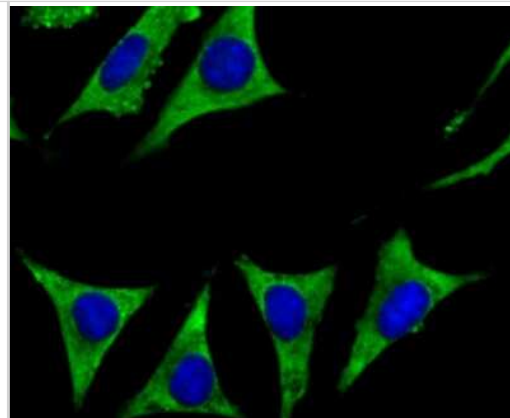
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

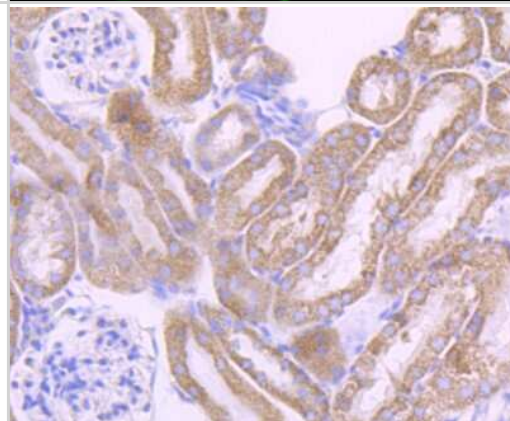
Western Blot: Cytochrome P450 17A1 Antibody (JB93-32) [NBP2-75461]
 - Analysis of Cytochrome P450 17A1 on rat testis tissue lysates with Rabbit anti-Cytochrome P450 17A1 antibody at 1/500 dilution.
 Lysates/proteins at 20 ug/Lane. Predicted band size: 57 kDa Observed band size: 55 kDa Exposure time: 2 minutes; 10% SDS-PAGE gel.
 Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



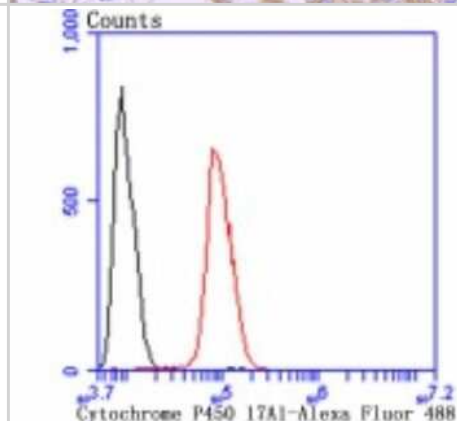
Immunocytochemistry/Immunofluorescence: Cytochrome P450 17A1 Antibody (JB93-32) [NBP2-75461] - Staining Cytochrome P450 17A1 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



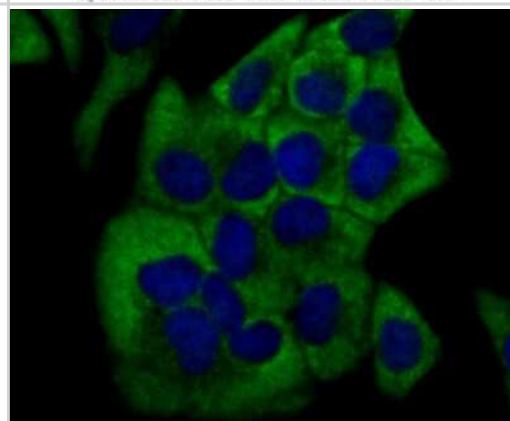
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (JB93-32) [NBP2-75461] - Analysis of paraffin-embedded mouse kidney tissue using anti-Cytochrome P450 17A1 antibody. Counter stained with hematoxylin.



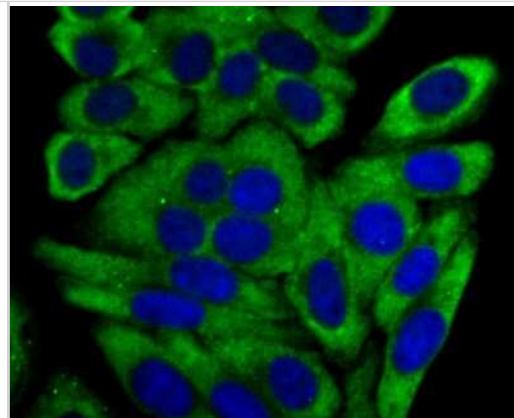
Flow Cytometry: Cytochrome P450 17A1 Antibody (JB93-32) [NBP2-75461] - Analysis of SH-SY-5Y cells with Cytochrome P450 17A1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



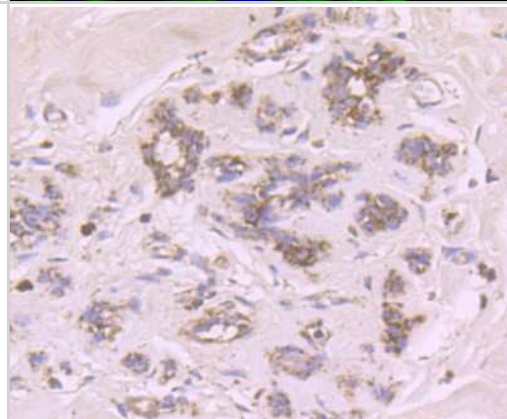
Immunocytochemistry/Immunofluorescence: Cytochrome P450 17A1 Antibody (JB93-32) [NBP2-75461] - Staining Cytochrome P450 17A1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



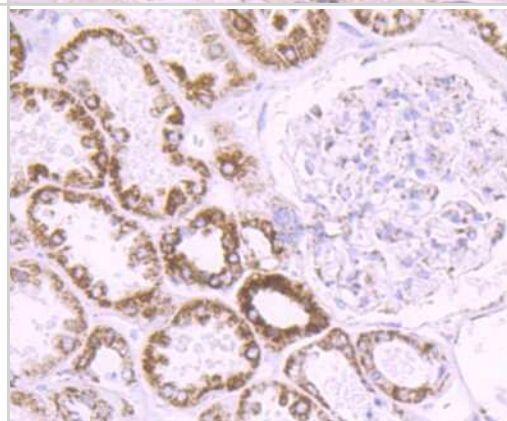
Immunocytochemistry/Immunofluorescence: Cytochrome P450 17A1 Antibody (JB93-32) [NBP2-75461] - Staining Cytochrome P450 17A1 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (JB93-32) [NBP2-75461] - Analysis of paraffin-embedded human breast tissue using anti-Cytochrome P450 17A1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (JB93-32) [NBP2-75461] - Analysis of paraffin-embedded human kidney tissue using anti-Cytochrome P450 17A1 antibody. Counter stained with hematoxylin.





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 NBP2-75461

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-13892PEP	Cytochrome P450 17A1 Recombinant Protein Antigen

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

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