

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)**

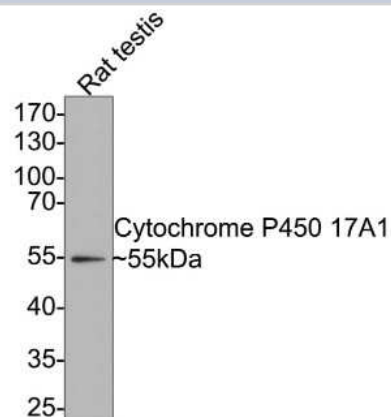
| Product Information | |
|--------------------------------|--|
| Unit Size | 100 ul |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | JB93-32 |
| Preservative | 0.05% Sodium Azide |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

| Product Description | |
|---------------------|--|
| 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) |

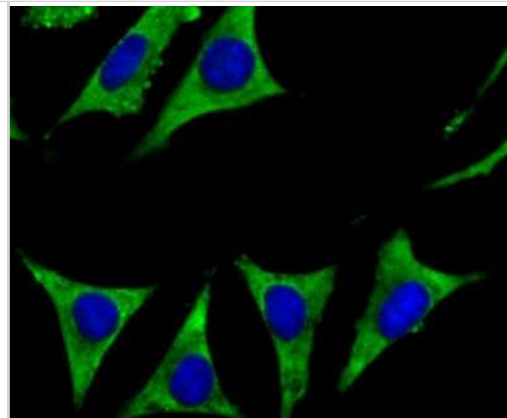
| Product Application Details | |
|------------------------------|---|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1:500, Flow Cytometry 1:50-1:100, Immunohistochemistry,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

Images

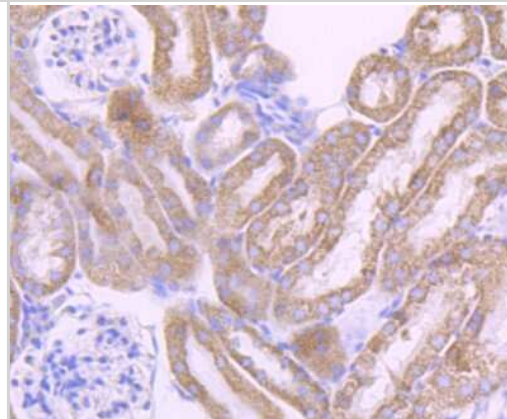
Western Blot: Cytochrome P450 17A1 Antibody (JB93-32) [NBP2-75461]
 - Analysis of Cytochrome P450 17A1 on rat testis tissue lysates with Rabbit anti-Cytochrome P450 17A1 antibody at 1/500 dilution. Lysates/proteins at 20 ug/Lane. Predicted band size: 57 kDa Observed band size: 55 kDa Exposure time: 2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



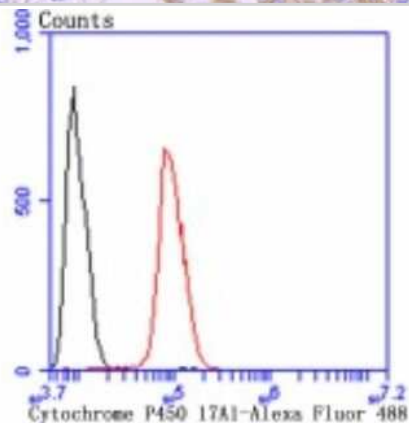
Immunocytochemistry/Immunofluorescence: Cytochrome P450 17A1 Antibody (JB93-32) [NBP2-75461] - Staining Cytochrome P450 17A1 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



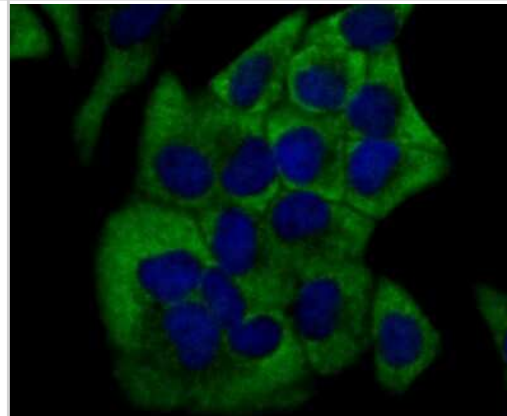
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody (JB93-32) [NBP2-75461] - Analysis of paraffin-embedded mouse kidney tissue using anti-Cytochrome P450 17A1 antibody. Counter stained with hematoxylin.



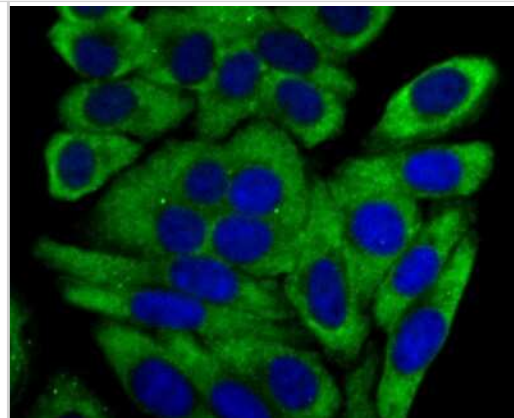
Flow Cytometry: Cytochrome P450 17A1 Antibody (JB93-32) [NBP2-75461] - Analysis of SH-SY-5Y cells with Cytochrome P450 17A1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was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



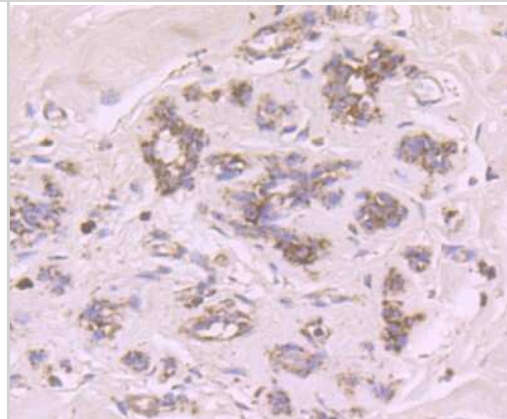
Immunocytochemistry/Immunofluorescence: Cytochrome P450 17A1 Antibody (JB93-32) [NBP2-75461] - Staining Cytochrome P450 17A1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



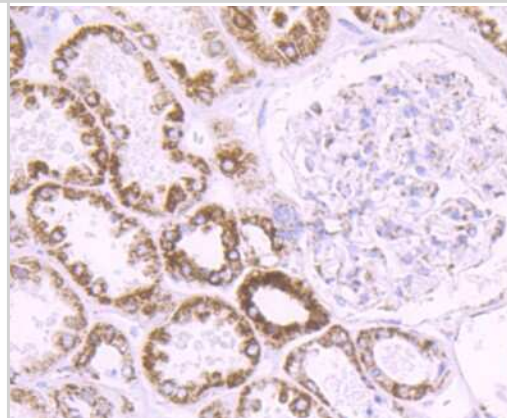
Immunocytochemistry/Immunofluorescence: Cytochrome P450 17A1 Antibody (JB93-32) [NBP2-75461] - Staining Cytochrome P450 17A1 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



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.





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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 |
| NB100-2842PEP | Cytochrome P450 17A1 Peptide |

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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