

Product Datasheet

CYB5R3 Antibody - BSA Free

NBP1-84252

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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NBP1-84252

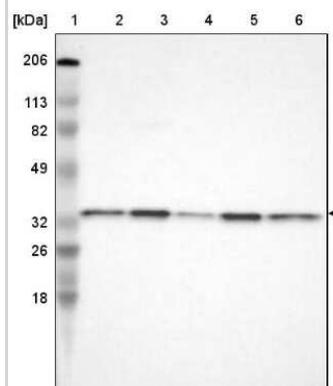
CYB5R3 Antibody - BSA Free

| 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 | |
| Host | Rabbit |
| Gene ID | 1727 |
| Gene Symbol | CYB5R3 |
| Species | Human, Mouse |
| Reactivity Notes | Immunogen displays the following percentage of sequence identity for non-tested species: Rat (86%). Mouse reactivity reported in scientific literature (PMID: 25144769). |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: SGLLVYQGKKGKFAIRPDKKSNPIIRTVKSVGMIAGGTGITPMLQVIRAIMKDPDD HTVCHLLFANQTEKDILLRPELEELRNKHSARFKLWYTLDRAPEAWDYGGGFV NEEMIRDHLPPPEEEPLVLMCGPPPMIQYACLPNLDH |
| Product Application Details | |
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500 |
| Application Notes | WB reported in scientific literature (PMID: 25144769). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. |

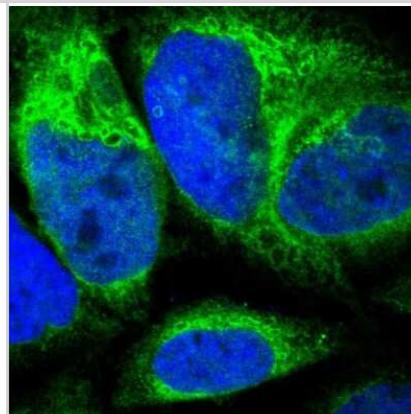


Images

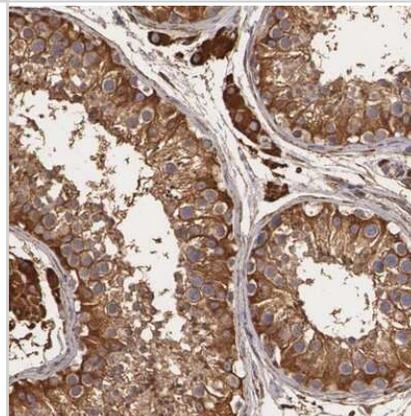
Western Blot: CYB5R3 Antibody [NBP1-84252] - Lane 1: Marker [kDa] 206, 113, 82, 49, 32, 26, 18. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human cell line A-431. Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



Immunocytochemistry/Immunofluorescence: CYB5R3 Antibody [NBP1-84252] - Staining of human cell line A-431 shows localization to endoplasmic reticulum. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: CYB5R3 Antibody [NBP1-84252] - Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts and Leydig cells.



Publications

Jakobs HH, Mikula M, Havemeyer A et al. The N-Reductive System Composed of Mitochondrial Amidoxime Reducing Component (mARC), Cytochrome b5 (CYB5B) and Cytochrome b5 Reductase (CYB5R) Is Regulated by Fasting and High Fat Diet in Mice. PLoS One 2014-01-01 [PMID: 25144769] (WB, Mouse)



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Products Related to NBP1-84252

| | |
|---------------|---|
| NBP1-84252PEP | CYB5R3 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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