

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

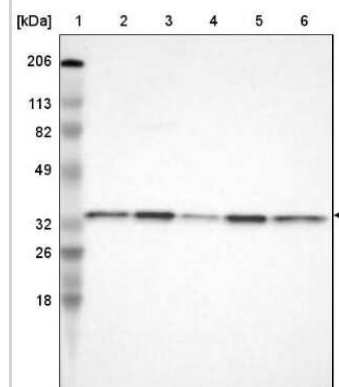
CYB5R3 Antibody - BSA Free

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: SGLLVYQGKGKFAIRPDKKSNPIIRTVKSVGMIAGGTGITPMLQVIRAIMKDPDD HTVCHLLFANQTEKDILLRPELEELRNKHSARFKLWYTLDRAPAWDYGGGFV 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.

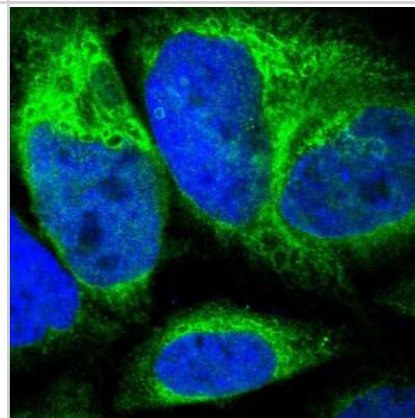


Images

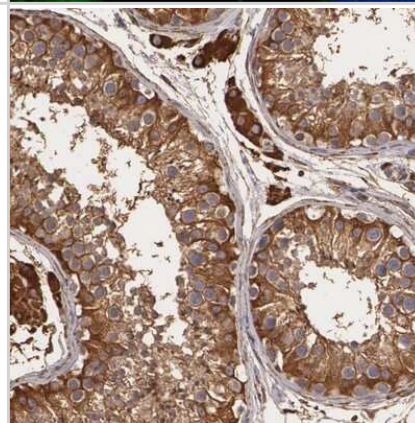
Western Blot: CYB5R3 Antibody [NBP1-84252] - Lane 1: Marker [kDa] 206, 113, 82, 49, 32, 26, 18. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human cell line A-431. Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



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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