

# Product Datasheet

## Cytochrome P450 17A1 Antibody - BSA Free NBP2-13892

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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**NBP2-13892****Cytochrome P450 17A1 Antibody - BSA Free**

| <b>Product Information</b> |                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>           | 0.1 ml                                                                                                           |
| <b>Concentration</b>       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| <b>Clonality</b>           | Polyclonal                                                                                                       |
| <b>Preservative</b>        | 0.02% Sodium Azide                                                                                               |
| <b>Isotype</b>             | IgG                                                                                                              |
| <b>Purity</b>              | Immunogen affinity purified                                                                                      |
| <b>Buffer</b>              | PBS (pH 7.2) and 40% Glycerol                                                                                    |

| <b>Product Description</b> |                                                                                                                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Novus Biologicals Rabbit Cytochrome P450 17A1 Antibody - BSA Free (NBP2-13892) is a polyclonal antibody validated for use in IHC and WB. Anti-Cytochrome P450 17A1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                | Rabbit                                                                                                                                                                                                                                                                   |
| <b>Gene ID</b>             | 1586                                                                                                                                                                                                                                                                     |
| <b>Gene Symbol</b>         | CYP17A1                                                                                                                                                                                                                                                                  |
| <b>Species</b>             | Human                                                                                                                                                                                                                                                                    |
| <b>Immunogen</b>           | This antibody was developed against a recombinant protein corresponding to the amino acids:<br>PFLPRHGHMHNNFFKLQKKYGPIYSVRMGTKTTVIVGHHQLAKEVLIKKGKDFS<br>GRPQMATLDIASNNRKGIAFADSGAHWQLHRRRLAMATFALFKDGDQKLEKIICQ<br>EISTLCDMLATHNGQSIDISFPVFVAVTNVISL                    |

| <b>Product Application Details</b> |                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                                                |
| <b>Recommended Dilutions</b>       | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500 |
| <b>Application Notes</b>           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                                                            |

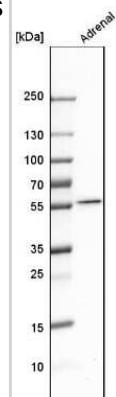


## Images

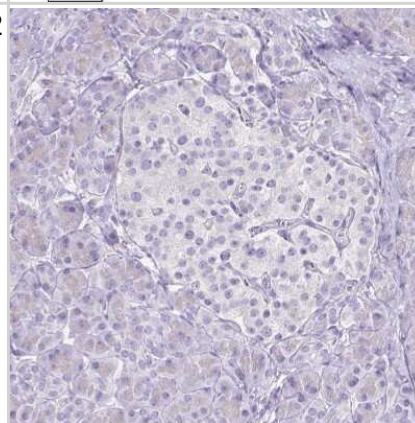
Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody [NBP2-13892] - Staining in human testis and pancreas tissues.. Corresponding CYP17A1 RNA-seq data are presented for the same tissues.



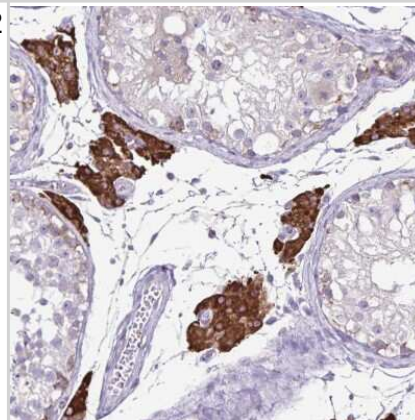
Western Blot: Cytochrome P450 17A1 Antibody [NBP2-13892] - Analysis in human adrenal gland tissue.



Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody [NBP2-13892] - Staining of human pancreas shows no positivity in exocrine glandular cells.



Immunohistochemistry-Paraffin: Cytochrome P450 17A1 Antibody [NBP2-13892] - Staining of human testis shows strong cytoplasmic positivity in Leydig cells.



## Publications

Han S, Zhao L, Luo J et al. Identification and isolation of human testicular peritubular myoid cells and Leydig cells by a combination of ITGA9 and NGFR. Reproductive biology and endocrinology : RB&E 2025-05-31 [PMID: 40450328]

Wang H, Feng X, Wang T et al. Role and mechanism of the p-JAK2/p-STAT3 signaling pathway in follicular development in PCOS rats General and comparative endocrinology 2022-10-03 [PMID: 36202220] (WB, Rat)





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### **Products Related to NBP2-13892**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-13892PEP | Cytochrome P450 17A1 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                          |

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### **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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