

Product Datasheet

CYP11B2 Antibody - BSA Free NBP2-13891

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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NBP2-13891

CYP11B2 Antibody - BSA Free

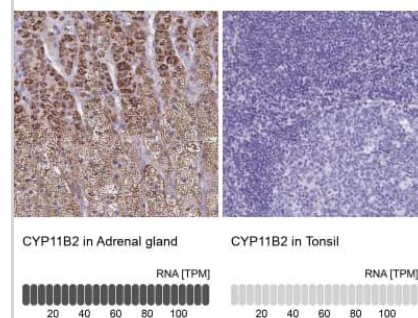
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| 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 | 1585 |
| Gene Symbol | CYP11B2 |
| Species | Human |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: FLYSLGRNAALFPRPERYNPQRWLDIRGSGRNFHHVFPFGFGMRQCL |

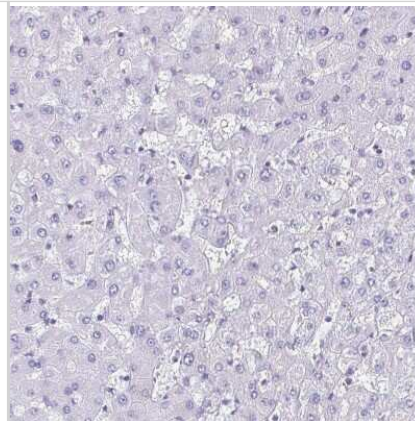
| Product Application Details | |
|-----------------------------|---|
| Applications | Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200-1:500 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. |

Images

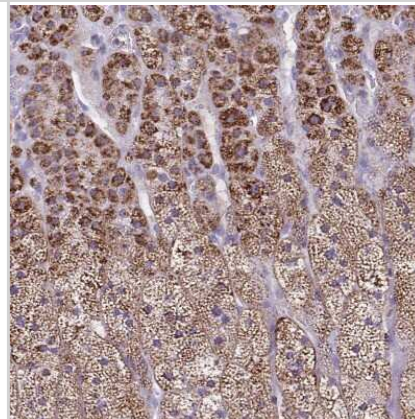
Immunohistochemistry-Paraffin: CYP11B2 Antibody [NBP2-13891] - Analysis in human adrenal gland and tonsil tissues using NBP2-13891 antibody. Corresponding CYP11B2 RNA-seq data are presented for the same tissues.



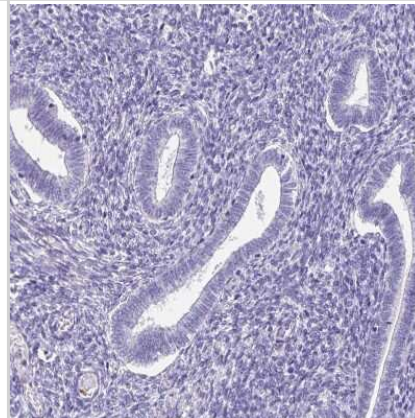
Immunohistochemistry-Paraffin: CYP11B2 Antibody [NBP2-13891] - Staining of human Liver shows no positivity in hepatocytes as expected.



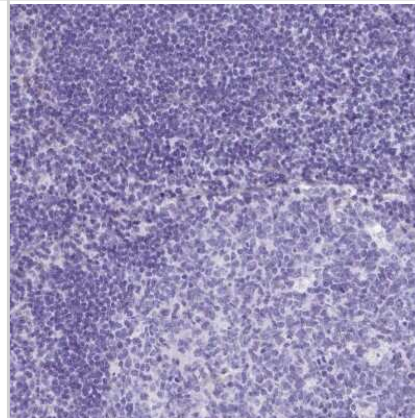
Immunohistochemistry-Paraffin: CYP11B2 Antibody [NBP2-13891] - Staining of human Adrenal gland shows strong granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: CYP11B2 Antibody [NBP2-13891] - Staining of human Endometrium shows no positivity in glandular cells as expected.



Immunohistochemistry-Paraffin: CYP11B2 Antibody [NBP2-13891] - Staining of human Tonsil shows no positivity in non-germinal center cells as expected.



Publications

Berthon, A;Hannah-Shmouni, F;Maria, AG;Faucz, FR;Stratakis, CA; High expression of adrenal P450 aromatase (CYP19A1) in association with ARMC5-primary bilateral macronodular adrenocortical hyperplasia J. Steroid Biochem. Mol. Biol. 2019-04-20 [PMID: 31014964]

Hannah-Shmouni F, Berthon A, Faucz FR et al. Mass spectrometry-based steroid profiling in primary bilateral macronodular adrenocortical hyperplasia Endocrine-Related Cancer 2020-07-01 [PMID: 32348959] (Immunohistochemistry)

Scortegagna M, Berthon A, Settas N et al. The E3 ubiquitin ligase Siah1 regulates adrenal gland organization and aldosterone secretion. JCI Insight 2017-12-07 [PMID: 29212953] (Human)





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Products Related to NBP2-13891

| | |
|---------------|---|
| NBP2-13891PEP | CYP11B2 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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