

## Rabbit anti-Human CYP11B1 Polyclonal Antibody | anti-CYP11B1 antibody

CYP11B1 Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA304964</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

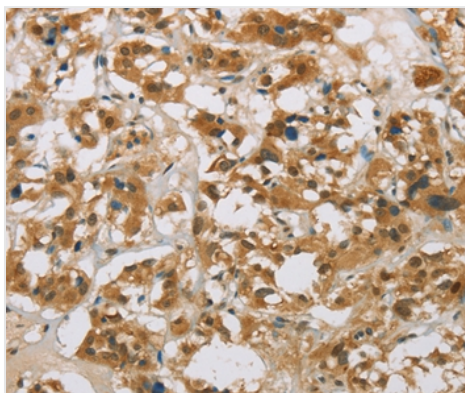
### PRODUCT SYNONYMS

CYP11B1; Polyclonal Antibody; CYP11B1 Antibody; FHI; CPN1; CYP11B; P450C11; anti-CYP11B1 antibody

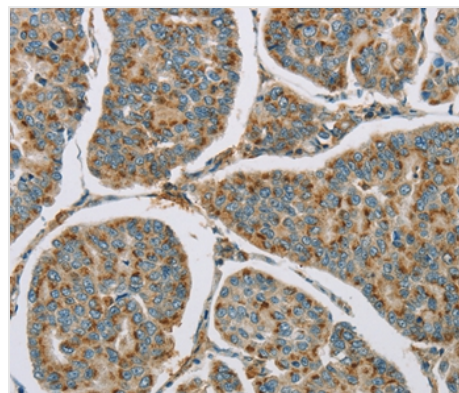
### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                              |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                       |
| Reactivity                                        | Human                                                                                                                        |
| Clonality                                         | Polyclonal                                                                                                                   |
| Specificity                                       | The antibody detects endogenous levels of total CYP11B1 protein.                                                             |
| Purity/Purification                               | Antigen affinity purification.                                                                                               |
| Form/Format                                       | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                                              |
| Concentration                                     | 1.1 mg/ml (varies by lot)                                                                                                    |
| Sequence Length                                   | 503                                                                                                                          |
| Applicable Applications for anti-CYP11B1 antibody | IHC (Immunohistochemistry)                                                                                                   |
| Immunogen Type                                    | Recombinant Protein                                                                                                          |
| Immunogen Description                             | Fusion protein corresponding to residues near the C terminal of human cytochrome P450, family 11, subfamily B, polypeptide 1 |
| Target Name                                       | CYP11B1                                                                                                                      |
| Preparation and Storage                           | Store at -20 degree C                                                                                                        |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/25.


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using at dilution 1/25.

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CYP11B1 antibody | This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the mitochondrial inner membrane and is involved in the conversion of progesterone to cortisol in the adrenal cortex. Mutations in this gene cause congenital adrenal hyperplasia due to 11-beta-hydroxylase deficiency. Transcript variants encoding different isoforms have been noted for this gene. |
| Product Categories/Family for anti-CYP11B1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 61743918                                               |
| NCBI GeneID                      | 1584                                                   |
| NCBI Accession #                 | NP_000488.3                                            |
| NCBI GenBank Nucleotide #        | NM_000497.3                                            |
| UniProt Accession #              | P15538; Q14095; Q4VAQ8; Q4VAQ9; Q9UML2                 |
| Molecular Weight                 | 49,750 Da                                              |
| NCBI Official Full Name          | cytochrome P450 11B1, mitochondrial isoform 1          |
| NCBI Official Synonym Full Names | cytochrome P450, family 11, subfamily B, polypeptide 1 |
| NCBI Official Symbol             | CYP11B1                                                |
| NCBI Official Synonym Symbols    | FHI; CPN1; CYP11B; P450C11                             |
| NCBI Protein Information         | cytochrome P450 11B1, mitochondrial                    |
| UniProt Protein Name             | Cytochrome P450 11B1, mitochondrial                    |
| UniProt Gene Name                | CYP11B1                                                |
| UniProt Synonym Gene Names       | S11BH; Cytochrome P450C11                              |
| UniProt Entry Name               | C11B1_HUMAN                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/cyp11b1-antibody-immunohistochemistry-elisa/304964>