

## Rabbit CYP2C18 Polyclonal Antibody | anti-CYP2C18 antibody

CYP2C18 Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA311518</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

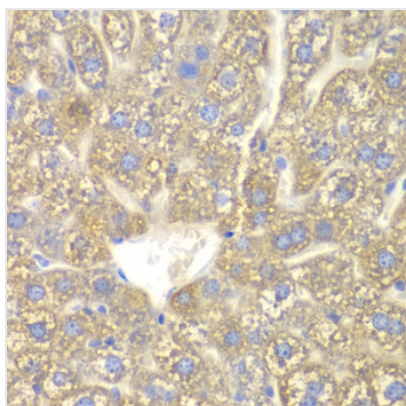
### PRODUCT SYNONYMS

CYP2C18; Polyclonal Antibody; CYP2C18 Polyclonal Antibody; CPCI; CYP2C; CYP2C17; P450-6B/29C; P450IIC17; cytochrome P450 2C18; anti-CYP2C18 antibody

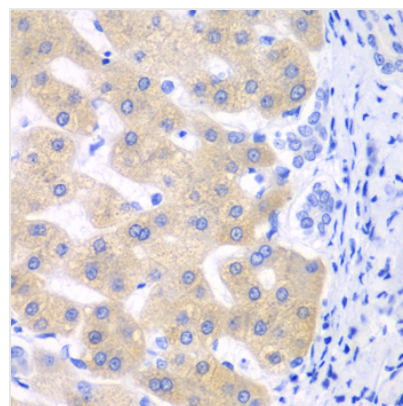
### PRODUCT SPECIFICATIONS

|                                                   |                                                            |
|---------------------------------------------------|------------------------------------------------------------|
| Host                                              | Rabbit                                                     |
| Reactivity                                        | Human, Mouse, Rat                                          |
| Clonality                                         | Polyclonal                                                 |
| Isotype                                           | IgG                                                        |
| Purity/Purification                               | Affinity purification                                      |
| Form/Format                                       | PBS with 50% glycerol, pH7.4                               |
| Applicable Applications for anti-CYP2C18 antibody | IHC (Immunohistochemistry), WB (Western Blot)              |
| Immunogen                                         | Recombinant fusion protein of human CYP2C18 (NP_000763.1). |
| Conjugation                                       | Unconjugated                                               |
| Preparation and Storage                           | Store at -20 degree C. Avoid freeze/thaw cycles.           |

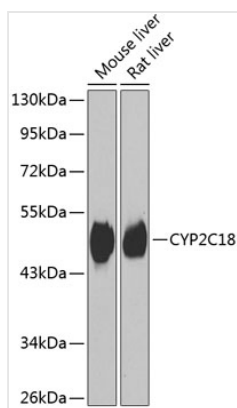
### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded mouse liver using CYP2C18 antibody.


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human liver cancer using CYP2C18 antibody.



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CYP2C18 antibody.

## ADDITIONAL INFORMATION

#### Related Product Information for anti-CYP2C18 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 endoplasmic reticulum but its specific substrate has not yet been determined. The gene is located within a cluster of cytochrome P450 genes on chromosome 10q24. An additional gene, CYP2C17, was once thought to exist; however, CYP2C17 is now considered an artefact based on a chimera of CYP2C18 and CYP2C19. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

#### Product Categories/Family for anti-CYP2C18 antibody

Total protein Ab

## NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 13699816                                       |
| NCBI GeneID                      | 1562                                           |
| NCBI Accession #                 | NP_000763.1                                    |
| NCBI GenBank Nucleotide #        | NM_000772.2                                    |
| UniProt Accession #              | P33260; Q16703; Q16751; Q4VAT5; Q6GRG1; B2R8K2 |
| Molecular Weight                 | 48,805 Da                                      |
| NCBI Official Full Name          | cytochrome P450 2C18 isoform 1                 |
| NCBI Official Synonym Full Names | cytochrome P450 family 2 subfamily C member 18 |
| NCBI Official Symbol             | CYP2C18                                        |
| NCBI Official Synonym Symbols    | CPCI; CYP2C; CYP2C17; P450IIC17; P450-6B/29C   |
| NCBI Protein Information         | cytochrome P450 2C18                           |
| UniProt Protein Name             | Cytochrome P450 2C18                           |
| UniProt Gene Name                | CYP2C18                                        |

**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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cyp2c18-antibody-immunohistochemistry-western-blot-elisa/311518>