

## Rabbit CYP2C9 Polyclonal Antibody | anti-CYP2C9 antibody

CYP2C9 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA169323</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

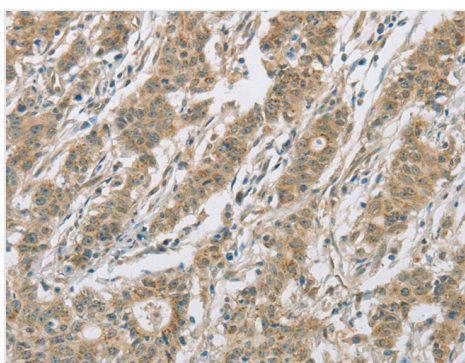
### PRODUCT SYNONYMS

CYP2C9; Polyclonal Antibody; CYP2C9 Polyclonal Antibody; CPC9; CYP2C; CYP2C10; CYP11C9; P45011C9; anti-CYP2C9 antibody

### PRODUCT SPECIFICATIONS

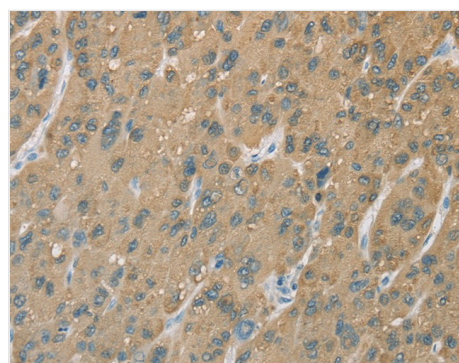
|                                                  |                                                                                           |
|--------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                    |
| Reactivity                                       | Human, Mouse, Rat                                                                         |
| Clonality                                        | Polyclonal                                                                                |
| Isotype                                          | IgG                                                                                       |
| Purity/Purification                              | Antigen affinity purification                                                             |
| Concentration                                    | 2.1mg/mL (varies by lot)                                                                  |
| Sequence Length                                  | 490                                                                                       |
| Applicable Applications for anti-CYP2C9 antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                        | Recombinant protein of human CYP2C9                                                       |
| Buffer                                           | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                          | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using CYP2C9 Polyclonal Antibody at dilution 1:50



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CYP2C9 Polyclonal Antibody at dilution 1:50

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CYP2C9 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 and its expression is induced by rifampin. The enzyme is known to metabolize many xenobiotics, including phenytoin, tolbutamide, ibuprofen and S-warfarin. Studies identifying individuals who are poor metabolizers of phenytoin and tolbutamide suggest that this gene is polymorphic. The gene is located within a cluster of cytochrome P450 genes on chromosome 10q24. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 13699818                                                                                                                                                                                           |
| NCBI GeneID                      | 1559                                                                                                                                                                                               |
| NCBI Accession #                 | NP_000762.2                                                                                                                                                                                        |
| NCBI GenBank Nucleotide #        | NM_000771.3                                                                                                                                                                                        |
| Molecular Weight                 | 18,005 Da                                                                                                                                                                                          |
| NCBI Official Full Name          | cytochrome P450 2C9                                                                                                                                                                                |
| NCBI Official Synonym Full Names | cytochrome P450, family 2, subfamily C, polypeptide 9                                                                                                                                              |
| NCBI Official Symbol             | CYP2C9                                                                                                                                                                                             |
| NCBI Official Synonym Symbols    | CPC9; CYP2C; CYP2C10; CYP11C9; P45011C9                                                                                                                                                            |
| NCBI Protein Information         | cytochrome P450 2C9; cytochrome P-450 S-mephenytoin 4-hydroxylase; cytochrome P-450MP; cytochrome P450 PB-1; flavoprotein-linked monooxygenase; microsomal monooxygenase; xenobiotic monooxygenase |
| UniProt Protein Name             | Cytochrome P450 2C9                                                                                                                                                                                |
| UniProt Gene Name                | CYP2C9                                                                                                                                                                                             |
| UniProt Synonym Gene Names       | CYP2C10                                                                                                                                                                                            |
| UniProt Entry Name               | CP2C9_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.

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