

## Rabbit CYP2J2 Polyclonal Antibody | anti-CYP2J2 antibody

CYP2J2 antibody - C-terminal region

|                               |                       |                                                  |                                                           |
|-------------------------------|-----------------------|--------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA200988</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Cow, Horse, Human, Pig, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|--------------------------------------------------|-----------------------------------------------------------|

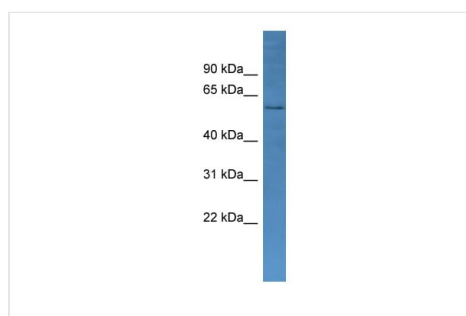
### PRODUCT SYNONYMS

CYP2J2; Polyclonal Antibody; CYP2J2 antibody - C-terminal region; anti-CYP2J2 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                |
| Reactivity                                       | Cow, Horse, Human, Pig, Rat                                                                                                                           |
| Clonality                                        | Polyclonal                                                                                                                                            |
| Purity/Purification                              | Affinity Purified                                                                                                                                     |
| Form/Format                                      | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                         | Synthetic peptide with the following region: EK VQAEIDRVIG QGQPSTAAR ESMPTNAVI HEVQRMGNIILNVPREV                                                      |
| Sequence Length                                  | 502                                                                                                                                                   |
| Applicable Applications for anti-CYP2J2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Homology                                         | Cow: 85%; Horse: 92%; Human: 100%; Pig: 92%; Rat: 79%                                                                                                 |
| Immunogen                                        | The immunogen is a synthetic peptide directed towards the C terminal region of human CYP2J2                                                           |
| Preparation and Storage                          | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES

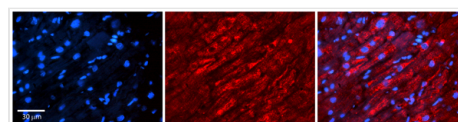


#### WB (Western Blot)

WB Suggested Anti-CYP2J2 Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: Human heart



#### IHC (Immunohistochemistry)

Rabbit Anti-CYP2J2 Antibody

Formalin Fixed Paraffin Embedded Tissue: Human Heart

Tissue Observed Staining: Cytoplasm in cardiomyocytes

Primary Antibody Concentration: 1:100

Other Working Concentrations: 1:600

Secondary Antibody: Donkey anti-Rabbit-Cy3

Secondary Antibody Concentration: 1:200

Magnification: 20X

Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CYP2J2 antibody | <p>This is a rabbit polyclonal antibody against CYP2J2. It was validated on Western Blot</p> <p>Target Description: 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 is thought to be the predominant enzyme responsible for epoxidation of endogenous arachidonic acid in cardiac tissue.</p> |
| Product Categories/Family for anti-CYP2J2 antibody   | Polyclonal; Cell Adhesion; Membrane Protein; Drugs and Drug Metabolism                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 18491008                                      |
| NCBI GeneID                      | 1573                                          |
| NCBI Accession #                 | NP_000766                                     |
| NCBI GenBank Nucleotide #        | NM_000775                                     |
| UniProt Accession #              | P51589                                        |
| Molecular Weight                 | 57kDa                                         |
| NCBI Official Full Name          | cytochrome P450 2J2                           |
| NCBI Official Synonym Full Names | cytochrome P450 family 2 subfamily J member 2 |
| NCBI Official Symbol             | CYP2J2                                        |
| NCBI Official Synonym Symbols    | CPJ2; CYP1IJ2                                 |
| NCBI Protein Information         | cytochrome P450 2J2                           |
| UniProt Protein Name             | Cytochrome P450 2J2                           |
| UniProt Gene Name                | CYP2J2                                        |
| UniProt Entry Name               | CP2J2_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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Online datasheet: <https://www.aaabiotech.com/polyclonal/cyp2j2-antibody-immunohistochemistry-western-blot-elisa/200988>