

## Rabbit Cytochrome P450 2E1 Polyclonal Antibody | anti-CYP2E1 antibody

Anti-Cytochrome P450 2E1 Antibody

| CATALOG # | HOST   | REACTIVITY                             | APPLICATIONS                                          |
|-----------|--------|----------------------------------------|-------------------------------------------------------|
| AAA104540 | Rabbit | Human, Mouse, Rat, Dog, Monkey, Rabbit | Immunocytochemistry, Immunofluorescence, Western Blot |

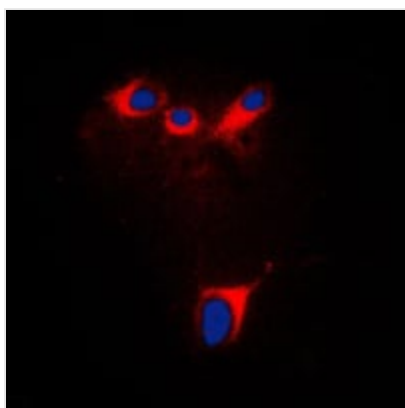
### PRODUCT SYNONYMS

Cytochrome P450 2E1; Polyclonal Antibody; Anti-Cytochrome P450 2E1 Antibody; CYP2E; 4-nitrophenol 2-hydroxylase; CYP11E1; Cytochrome P450-J; anti-CYP2E1 antibody

### PRODUCT SPECIFICATIONS

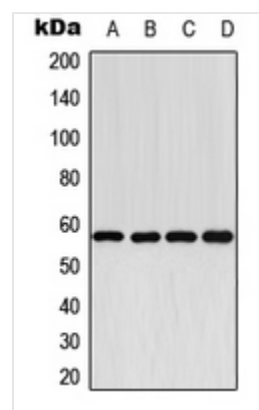
|                                                  |                                                                                                                                                    |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                             |
| Reactivity                                       | Human, Mouse, Rat, Dog, Monkey, Rabbit                                                                                                             |
| Clonality                                        | Polyclonal                                                                                                                                         |
| Specificity                                      | Recognizes endogenous levels of Cytochrome P450 2E1 protein.                                                                                       |
| Purity/Purification                              | The antibody was purified by immunogen affinity chromatography.                                                                                    |
| Form/Format                                      | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                          |
| Sequence Length                                  | 493                                                                                                                                                |
| Applicable Applications for anti-CYP2E1 antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                                                              |
| Immunogen                                        | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Cytochrome P450 2E1. The exact sequence is proprietary. |
| Preparation and Storage                          | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                                     |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of Cytochrome P450 2E1 staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



#### WB (Western Blot)

Western blot analysis of Cytochrome P450 2E1 expression in HEK293T (A), NIH3T3 (B), H9C2 (C), Human Liver (D) whole cell lysates.

ADDITIONAL INFORMATION

|                                                      |                                                   |
|------------------------------------------------------|---------------------------------------------------|
| Related Product Information for anti-CYP2E1 antibody | Rabbit polyclonal antibody to Cytochrome P450 2E1 |
|------------------------------------------------------|---------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 10834998                                                                                                                                                                                                                               |
| NCBI GeneID                      | 1571                                                                                                                                                                                                                                   |
| NCBI Accession #                 | NP_000764.1                                                                                                                                                                                                                            |
| NCBI GenBank Nucleotide #        | NM_000773.3                                                                                                                                                                                                                            |
| UniProt Accession #              | P05181; Q5VZD5; Q6NWT9; Q9UK47                                                                                                                                                                                                         |
| Molecular Weight                 | 56,849 Da                                                                                                                                                                                                                              |
| NCBI Official Full Name          | cytochrome P450 2E1                                                                                                                                                                                                                    |
| NCBI Official Synonym Full Names | cytochrome P450, family 2, subfamily E, polypeptide 1                                                                                                                                                                                  |
| NCBI Official Symbol             | CYP2E1                                                                                                                                                                                                                                 |
| NCBI Official Synonym Symbols    | CPE1; CYP2E; P450-J; P450C2E                                                                                                                                                                                                           |
| NCBI Protein Information         | cytochrome P450 2E1; CYP11E1; cytochrome P450-J; microsomal monooxygenase; xenobiotic monooxygenase; 4-nitrophenol 2-hydroxylase; flavoprotein-linked monooxygenase; cytochrome P450, subfamily IIE (ethanol-inducible), polypeptide 1 |
| UniProt Protein Name             | Cytochrome P450 2E1                                                                                                                                                                                                                    |
| UniProt Gene Name                | CYP2E1                                                                                                                                                                                                                                 |
| UniProt Synonym Gene Names       | CYP2E                                                                                                                                                                                                                                  |
| UniProt Entry Name               | CP2E1_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.