

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

Cytochrome P450 2E1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                           |
|-----------|--------|------------|--------------------------------------------------------|
| AAA308056 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, Western Blot |

## PRODUCT SYNONYMS

Cytochrome P450 2E1; Polyclonal Antibody; Cytochrome P450 2E1 Antibody; CP2E1; CYP2E; CYP1IIE1; P450-J; anti-CYP2E1 antibody

## PRODUCT SPECIFICATIONS

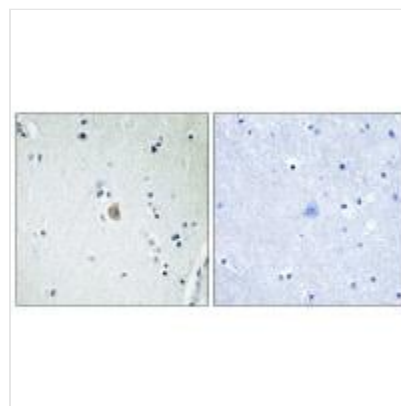
|                                                  |                                                                                                                                                    |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                             |
| Reactivity                                       | Human                                                                                                                                              |
| Clonality                                        | Polyclonal                                                                                                                                         |
| Specificity                                      | The antibody detects endogenous levels of total Cytochrome P450 2E1 protein.                                                                       |
| Purity/Purification                              | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Form/Format                                      | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                    | 1.0 mg/ml (varies by lot)                                                                                                                          |
| Sequence Length                                  | 493                                                                                                                                                |
| Applicable Applications for anti-CYP2E1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                             |
| Immunogen Type                                   | Peptide                                                                                                                                            |
| Immunogen Description                            | Synthesized peptide derived from C-terminal of human Cytochrome P450 2E1.                                                                          |
| Target Name                                      | Cytochrome P450 2E1                                                                                                                                |
| Preparation and Storage                          | Store at -20 degree C                                                                                                                              |

## IMAGES



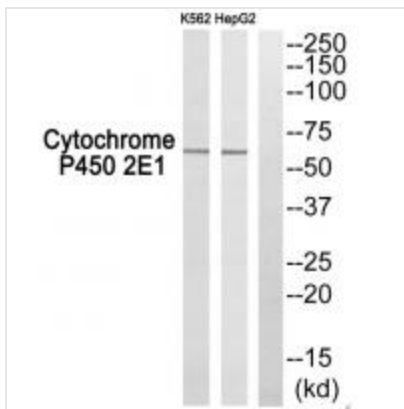
**IF (Immunofluorescence)**

Immunofluorescence analysis of HepG2 cells, using Cytochrome P450 2E1 antibody.



**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Cytochrome P450 2E1 antibody.



#### WB (Western Blot)

Western blot analysis of extracts from K562 cells and HepG2 cells, using Cytochrome P450 2E1 antibody.

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CYP2E1 antibody | Metabolizes several precarcinogens, drugs, and solvents to reactive metabolites. Inactivates a number of drugs and xenobiotics and also bioactivates many xenobiotic substrates to their hepatotoxic or carcinogenic forms. Song B.-J., J. Biol. Chem. 261:16689-16697(1986). Umeno M., Biochemistry 27:9006-9013(1988). Deloukas P., Nature 429:375-381(2004). |
| Product Categories/Family for anti-CYP2E1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                |

### 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                                   |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytochrome-p450-2e1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/308056>