

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

Cytochrome P450 2E1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324264	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Cytochrome P450 2E1; Polyclonal Antibody; Cytochrome P450 2E1 Antibody; 4-nitrophenol 2-hydroxylase; CP2E1_HUMAN; CPE1; CYP2E; Cyp2e1; CYP11E1; Cytochrome P450 isozyme 3A; Cytochrome P450 LM3A; Cytochrome P450; family 2; subfamily e; polypeptide 1; cytochrome P450; subfamily IIE (ethanol-inducible); subfamily IIE; Cytochrome P450-ALC; Cytochrome P450-J; Cytochrome P450RLM6; EC 1.14.13.-; EC 1.14.13.n7; Ethanol-inducible P450; Flavoprotein-linked monooxygenase; MGC133529; Microsomal monooxygenase; OTTHUMP00000020813; OTTHUMP00000046571; P450 ALC; P450-J; P450C2E; P450J; P450RLM6; Xenobiotic monooxygenase; anti-CYP2E1 antibody

PRODUCT SPECIFICATIONS

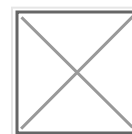
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Cytochrome P450 2E1 Antibody detects endogenous levels of total Cytochrome P450 2E1.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CYP2E1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Cytochrome P450 2E1, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA324264 at 1/100 staining Human cervical cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IHC (Immunohistochemistry)

DF3578 at 1/100 staining Rat liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IF (Immunofluorescence)

AAA324264 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from K562 cells using Cytochrome P450 2E1 antibody. The lane on the left is treated with the antigen-specific peptide.

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.

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	57 KD
NCBI Official Full Name	cytochrome P450 2E1
NCBI Official Synonym Full Names	cytochrome P450 family 2 subfamily E member 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

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-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324264>