

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

Anti-Cytochrome P450 2E1 antibody

CATALOG # AAA45513	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	-----------------------	---------------------------------	---

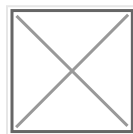
PRODUCT SYNONYMS

Cytochrome P450 2E1; Polyclonal Antibody; Anti-Cytochrome P450 2E1 antibody; cytochrome P450; family 2; subfamily E; polypeptide 1; 4-nitrophenol 2-hydroxylase antibody; CP2E1_HUMAN antibody; CPE 1 antibody; CPE1 antibody; CYP2E antibody; CYP2E1 antibody; CYP1IIE1 antibody; Cytochrome P450 2E1 antibody; Cytochrome P450 family 2 subfamily E polypeptide 1 antibody; Cytochrome P450 isozyme 3A antibody; Cytochrome P450 LM3A antibody; Cytochrome P450 subfamily IIE(ethanol inducible) polypeptide 1 antibody; Cytochrome P450 subfamily IIE polypeptide 1 antibody; Cytochrome P450; subfamily e; polypeptide 1 antibody; subfamily IIE(ethanol-inducible); subfamily IIE antibody; Cytochrome P450-ALC antibody; Cytochrome P450-J antibody; Cytochrome P450RLM6 antibody; EC 1.14.13.- antibody; EC 1.14.13.n7 antibody; Ethanol-inducible P450 antibody; Flavoprotein linked monooxygenase antibody; Flavoprotein-linked monooxygenase antibody; MGC133529 antibody; Microsomal monooxygenase antibody; OTTHUMP00000020813 antibody; OTTHUMP00000046571 antibody; P450 ALC antibody; p450 antibody; P450 J antibody; P450-J antibody; P450C2E antibody; P450J antibody; P450RLM6 antibody; Xenobiotic monooxygenase antibody; anti-CYP2E1 antibody

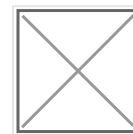
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	493
Applicable Applications for anti-CYP2E1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of mouse Cytochrome P450 2E1 (94-112aa KNEFSGRGDIPVFQEYKNK), identical to the related rat sequence.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-CYP2E1 antibody, AAA45513, IHC(P)IHC(P): Rat Liver Tissue



WB (Western Blot)
Anti-CYP2E1 antibody, AAA45513, Western blottingLane 1: Rat Liver Tissue LysateLane 2: Mouse Liver Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2E1 antibody	Description: Rabbit IgG polyclonal antibody for Cytochrome P450 2E1(CYP2E1) detection. Tested with WB, IHC-P in Mouse, Rat. Background: CYP2E1, also known as P450IIE1, is a member of the P450IIE subfamily which is ethanol-inducible. It has at least 1 gene which is mapped to 10q24.3-qter, and a second is likely in rat and in man. Both the rat and human proteins encoded by this gene contain 493 amino acids and calculated molecular masses of 56,634 and 56,916 daltons, respectively. In addition, genetic polymorphisms in the 5-prime flanking region of the human P450IIE1 gene affected its binding of transacting factor and changed its transcriptional regulation, which may lead to interindividual differences of microsomal drug oxidation activity. P450IIE1 is an important enzyme for the catalysis of the conversion of ethanol to acetaldehyde and to acetate in humans, and it is also involved in the metabolism of nitrosamines. Due to the possible correlation of P450IIE1 genes with malignancy, clinical studies of RFLP patterns of these genes in cancer may be useful.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	461828
NCBI GeneID	13106
UniProt Accession #	Q05421; Q9Z198
Molecular Weight	56,805 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	Cyp2e
NCBI Protein Information	cytochrome P450 2E1; CYPIIE1; cytochrome P450-J; cytochrome P450-ALC; 4-nitrophenol 2-hydroxylase; cytochrome P450, 2e1, ethanol inducible
UniProt Protein Name	Cytochrome P450 2E1
UniProt Gene Name	Cyp2e1
UniProt Synonym Gene Names	Cyp2e; Cyp2e-1
UniProt Entry Name	CP2E1_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytochrome-p450-2e1-antibody-immunohistochemistry-western-blot-elisa/45513>