

Rabbit CYP2E1 Polyclonal Antibody | anti-CYP2E1 antibody

CYP2E1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198899	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	Western Blot

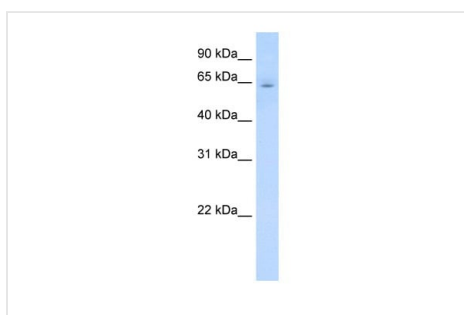
PRODUCT SYNONYMS

CYP2E1; Polyclonal Antibody; CYP2E1 antibody - C-terminal region; anti-CYP2E1 antibody

PRODUCT SPECIFICATIONS

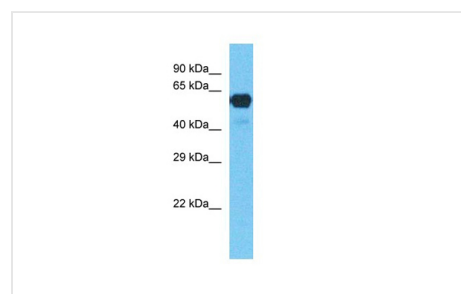
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: QE FPDPEKFKPE HFLNENGKFK YSDYFKPFST GKRVCAGEGL ARMELFLL
Sequence Length	493
Applicable Applications for anti-CYP2E1 antibody	WB (Western Blot)
Homology	Cow: 79%; Dog: 86%; Guinea Pig: 92%; Horse: 79%; Human: 100%; Mouse: 92%; Rabbit: 93%; Rat: 92%; Sheep: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human CYP2E1
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



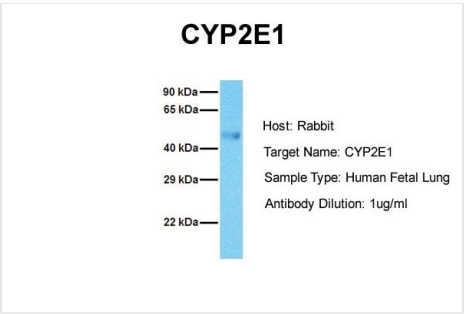
WB (Western Blot)

WB Suggested Anti-CYP2E1 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Liver



WB (Western Blot)

Host: Rabbit Target Name: CYP2E1 Sample Type: Fetal Liver Cell lysates Antibody Dilution: 1.0ug/ml



WB (Western Blot)
Host: RabbitTarget Name: CYP2E1Sample Tissue: Human Fetal LungAntibody Dilution:
1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2E1 antibody	This is a rabbit polyclonal antibody against CYP2E1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: CYP2E1 is 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 induced by ethanol, the diabetic state, and starvation. The enzyme metabolizes both endogenous substrates, such as ethanol, acetone, and acetal, as well as exogenous substrates including benzene, carbon tetrachloride, ethylene glycol, and nitrosamines which are premutagens found in cigarette smoke. Due to its many substrates, this enzyme may be involved in such varied processes as gluconeogenesis, hepatic cirrhosis, diabetes, and cancer.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 induced by ethanol, the diabetic state, and starvation. The enzyme metabolizes both endogenous substrates, such as ethanol, acetone, and acetal, as well as exogenous substrates including benzene, carbon tetrachloride, ethylene glycol, and nitrosamines which are premutagens found in cigarette smoke. Due to its many substrates, this enzyme may be involved in such varied processes as gluconeogenesis, hepatic cirrhosis, diabetes, and cancer.
Product Categories/Family for anti-CYP2E1 antibody	Polyclonal; Signal Proteins; Membrane Protein; Drugs and Drug Metabolism; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	10834998
NCBI GeneID	1571
NCBI Accession #	NP_000764
NCBI GenBank Nucleotide #	NM_000773
UniProt Accession #	P05181
Molecular Weight	54kDa
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
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/cyp2e1-antibody-western-blot-elisa/198899>