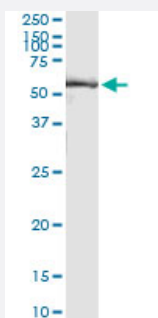


CYP2E1 (Human) IP-WB Antibody Pair

Catalog # H00001571-PW1

Size 1 Set

Applications



Immunoprecipitation of CYP2E1 transfected lysate using rabbit polyclonal anti-CYP2E1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-CYP2E1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78%); Rat (78%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of CYP2E1 transfected lysate using rabbit polyclonal anti-CYP2E1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-CYP2E1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-CYP2E1 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-CYP2E1 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — CYP2E1

Entrez GeneID [1571](#)

Gene Name CYP2E1

Gene Alias CPE1, CYP2E, P450-J, P450C2E

Gene Description cytochrome P450, family 2, subfamily E, polypeptide 1

Omim ID [124040](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000020813|OTTHUMP00000046571|cytochrome P450 2E1|cytochrome P450, subfamily IIE (ethanol-inducible), polypeptide 1|flavoprotein-linked monooxygenase|microsomal monooxygenase|xenobiotic monooxygenase

Pathway

- [Arachidonic acid metabolism](#)
- [Drug metabolism - cytochrome P450](#)
- [Linoleic acid metabolism](#)
- [Metabolic pathways](#)
- [Metabolism of xenobiotics by cytochrome P450](#)

Disease

- [Abnormalities](#)
- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [Alcohol-Induced Disorders](#)
- [Alcoholism](#)
- [Alzheimer Disease](#)
- [Anemia](#)
- [Aneuploidy](#)
- [Arteriosclerosis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchitis](#)
- [Calcinosis](#)
- [Carcinoma](#)
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- [Chromosome Aberrations](#)
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- [Cleft Palate](#)

- [Cocarcinogenesis](#)
- [Colon cancer](#)
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- [Ductus Arteriosus](#)
- [Edema](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
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- [Fetal Growth Retardation](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Genomic Instability](#)
- [Glioma](#)
- [Head and Neck Neoplasms](#)
- [Heart Diseases](#)
- [Helicobacter Infections](#)
- [Hemorrhage](#)

- [Hepatitis](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Hypopharyngeal Neoplasms](#)
- [Infant](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Laryngeal Neoplasms](#)
- [Leukemia](#)
- [Leukoplakia](#)
- [Liver Cirrhosis](#)
- [Liver Diseases](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Malnutrition](#)
- [Meningioma](#)
- [Mesothelioma](#)
- [Metaplasia](#)
- [Micronuclei](#)
- [Motor Neuron Disease](#)
- [Mouth Neoplasms](#)
- [Myelodysplastic Syndromes](#)

- [Nasopharyngeal Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neuroma](#)
- [Neurotoxicity Syndromes](#)
- [Neutropenia](#)
- [Obesity](#)
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- [Prenatal Exposure Delayed Effects](#)

- [Prostate cancer](#)
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- [Stomach Neoplasms](#)
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- [Tuberculosis](#)
- [Tumor Virus Infections](#)
- [Ureteral Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Warts](#)
- [Werner syndrome](#)