

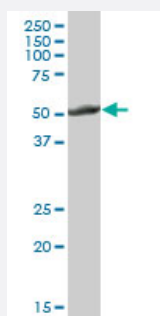
MaxPab®

CYP2E1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001571-B01P

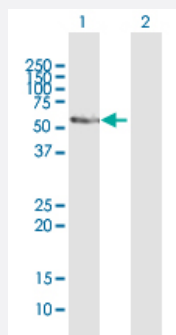
Size 50 ug

Applications



Western Blot (Tissue lysate)

CYP2E1 MaxPab polyclonal antibody. Western Blot analysis of CYP2E1 expression in human liver.

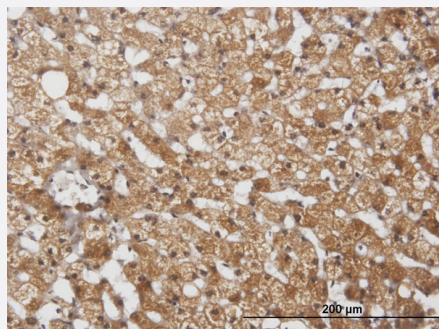


Western Blot (Transfected lysate)

Western Blot analysis of CYP2E1 expression in transfected 293T cell line ([H00001571-T01](#)) by CYP2E1 MaxPab polyclonal antibody.

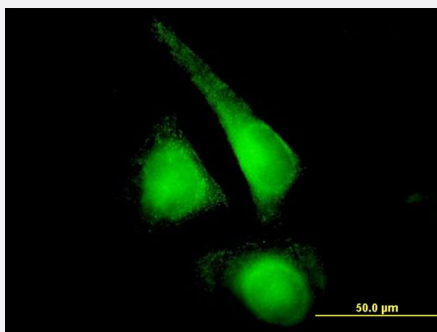
Lane 1: CYP2E1 transfected lysate(54.23 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to CYP2E1 on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CYP2E1 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CYP2E1 protein.
Immunogen	CYP2E1 (NP_000764.1, 1 a.a. ~ 493 a.a) full-length human protein.
Sequence	MSALGVTVALLVWAAFLLLVSMWRQVHSSWNLP PGPFPLPIIGNLFQLELKNIPKSFTRLAQRFGP VFTLYVGSQRMVVMHGYKAVKEALLDYKDEFSGRGDLP AFHAHRDRGIIFNNGPTWKDIRRFSLT TLRNYGMGKQGNE SRIQREAHFLEALRKTQGQPFDP TFLIGCAPCNVIADILFRKHFDYNDEKFLR LMYLFNENFHLLSTPWLQLYNNFPSFLHYLP GSHRKVIKNVAEVKEYV SERVKEHHQSLDPNCPR DLTDCLLVEMEKEKHSAERLYTMDGITVTADLFFAGTETTSTTLRYGLLIMKYPEIEEKLHEEIDR VIGPSRIPA IKDRQEMPYMDAVVHEIQRFITLVPSNLPHEATRD TIFRGYLIPKGTVVVPTLDSVLYDN QEFPDPEKFKPEHFLNENGKFKYSDYFKPFSTGKRVCAGEGLARMELFLLLCAILQHFNLPKPLVD PKDIDLSPIHIGFGCIPPRYKLCVIPRS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

CYP2E1 MaxPab polyclonal antibody. Western Blot analysis of CYP2E1 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CYP2E1 expression in transfected 293T cell line ([H00001571-T01](#)) by CYP2E1 MaxPab polyclonal antibody.

Lane 1: CYP2E1 transfected lysate(54.23 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to CYP2E1 on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CYP2E1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — CYP2E1

Entrez GeneID [1571](#)

GeneBank Accession# [NM_000773.3](#)

Protein Accession# [NP_000764.1](#)

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](#)
- [Cardiovascular Diseases](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Chromosome Aberrations](#)
- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
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- [Disease Models](#)
- [Disease Progression](#)
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- [Drug-Induced Liver Injury](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Fatty Liver](#)

- [Fetal Growth Retardation](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Genomic Instability](#)
- [Glioma](#)
- [Head and Neck Neoplasms](#)
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- [Helicobacter Infections](#)
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- [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](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
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- [Osteonecrosis](#)
- [Otorhinolaryngologic Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
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- [Pancreatic Neoplasms](#)

- [Pancreatitis](#)
- [Papillomavirus Infections](#)
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- [Pulmonary Emphysema](#)
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- [Tobacco Use Disorder](#)
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- [Tuberculosis](#)
- [Tumor Virus Infections](#)
- [Ureteral Neoplasms](#)
- [Urinary Bladder Neoplasms](#)

- [Uterine Cervical Neoplasms](#)
- [Warts](#)
- [Werner syndrome](#)