

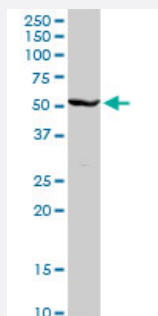
MaxPab®

CYP2C8 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001558-D01P

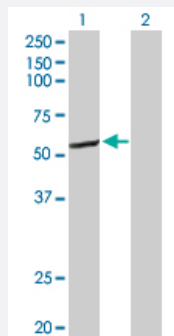
Size 100 ug

Applications



Western Blot (Tissue lysate)

CYP2C8 MaxPab rabbit polyclonal antibody. Western Blot analysis of CYP2C8 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of CYP2C8 expression in transfected 293T cell line ([H00001558-T02](#)) by CYP2C8 MaxPab polyclonal antibody.

Lane 1: CYP2C8 transfected lysate(55.80 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human CYP2C8 protein.

Immunogen

CYP2C8 (AAH20596.1, 1 a.a. ~ 490 a.a) full-length human protein.

Sequence

MEPFVVLVLCLSFMLLSLWRQSCRRRLPPGPTPLPIIGNMLQIDVKDICKSFTNFSKVYGPVFT
VYFGMNPVMVFHGYESVKEALIDNGEEFSGRGNPSISQRITKGLGISSNGKRWKEIRRFSLTTLRNF
GMGKRSIEDRVQEEAHCLVEELRKTASPCDPTFILGCAPCNVICSVVFQKRFDYKDQNFLTLMK
RFNENFRILNSPWQVCNNFLLIDCFPGTHNKVLKNVALTRSYIREKVKEHQASLDVNNPRDFIDC
FLIKMEQEKDNQKSEFNENLVGTVADLFVAGTETTSTTLRYGLLLLLKHPEVTAKVQEEIDHVIGRH
RSPCMQDRSHMPYDAVVHEIQRYSDLVPTGVPHAVTTDTKFRNYLIPKGTTIMALLTSVLHDDKE
FPNPNIFDPGHFLDKNGNFKKSDYFMFPSAGKRICAGEGLARMELFLTLTLQNFNLKSVDDLKN
LNTTAVTKGIVSLPPSYQICFIPV

Host	Rabbit
Reactivity	Human
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)

CYP2C8 MaxPab rabbit polyclonal antibody. Western Blot analysis of CYP2C8 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CYP2C8 expression in transfected 293T cell line ([H00001558-T02](#)) by CYP2C8 MaxPab polyclonal antibody.

Lane 1: CYP2C8 transfected lysate(55.80 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — CYP2C8

Entrez GeneID	1558
GeneBank Accession#	BC020596.1
Protein Accession#	AAH20596.1
Gene Name	CYP2C8
Gene Alias	CPC8, MP-12/MP-20
Gene Description	cytochrome P450, family 2, subfamily C, polypeptide 8
Omim ID	601129
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 its expression is induced by phenobarbital. The enzyme is known to metabolize many xenobiotics, including the anticonvulsive drug mephenytoin, benzo(a)pyrene, 7-ethoxycoumarin, and the anti-cancer drug taxol. This gene is located within a cluster of cytochrome P450 genes on chromosome 10q24. [provided by RefSeq]

Other Designations

OTTHUMP00000020134|P450 form 1|cytochrome P450, subfamily IIC (mephenytoin 4-hydroxylase), polypeptide 8|flavoprotein-linked monooxygenase|microsomal monooxygenase|s-mephenytoin 4-hydroxylase|xenobiotic monooxygenase

Pathway

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

Disease

- [Adenoma](#)
- [Alzheimer Disease](#)
- [Anemia](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colon cancer](#)

- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Epidermal Necrolysis](#)
- [Epilepsy](#)
- [Esophageal Neoplasms](#)
- [Essential tremor](#)
- [Exanthema](#)
- [Gastrointestinal Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [Gilbert Disease](#)
- [Head and Neck Neoplasms](#)
- [Hepatitis](#)
- [Hyperbilirubinemia](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Laryngeal Neoplasms](#)
- [Leukopenia](#)

- [Lung Neoplasms](#)
- [Malaria](#)
- [Mouth Neoplasms](#)
- [Multiple Myeloma](#)
- [Muscular Diseases](#)
- [Myocardial Infarction](#)
- [Nausea](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Neutropenia](#)
- [Osteonecrosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Stevens-Johnson Syndrome](#)
- [Stroke](#)
- [Thrombocytopenia](#)
- [Tobacco Use Disorder](#)
- [Urogenital Neoplasms](#)
- [Vomiting](#)