

CYP2E1 Rabbit pAb

Catalog No.: A1342

Basic Information

Observed MW

60kDa

Calculated MW

57kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human

Background

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.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

1571

Swiss Prot

P05181

Immunogen

A synthetic peptide of human CYP2E1

Synonyms

CPE1; CYP2E; P450-J; P450C2E; CYP2E1

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.