

Cytochrome P450 Polyclonal Antibody

CATALOG #:	3084-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Purified cytochrome p450

FORMULATION:

100 µg (1 mg/ml) immunoaffinity purified rabbit anti-cytochrome P450 in PBS containing 50% glycerol, 1% BSA, 0.02% sodium azide.

SPECIES REACTIVITY: Human, mouse, rat, dog, horse

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost cycles.

BACKGROUND DESCRIPTION:

Cytochrome P450 is mainly found in liver, and can metabolize a wide range of compounds such as organic solvents, acetaminophen, dimethylnitrosamine and aliphatic alcohol, which have certain toxicological effects in humans. Ethanol-induced cytochrome P450 IIE1 is considered to be one of the major causes of oxidative stress in the liver following ethanol treatment.

SPECIFICITY:

The antibody detects cytochrome P450 IIE1 from human, mouse, rat, dog, and horse liver microsomal samples.

APPLICATION AND USAGE:

The antibody can be used for Western blotting and immunohistochemistry. We recommend using 1 µg/ml dilution for Western blot and 10 µg/ml for immunohistochemistry. However, the optimal conditions should be determined individually.

NOTE: For Research Use Only! Not to be used in human.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies