

Datasheet for ABIN7468197 **anti-CYP4B1 antibody**



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Overview

Quantity:	100 µL
Target:	CYP4B1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP4B1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CYP4B1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	CYP4B1
Alternative Name:	cytochrome P450 family 4 subfamily B member 1 (CYP4B1 Products)
Background:	Synonyms: cytochrome P450 family 4 subfamily B member 1 , CYP4B1 , P-450HP Background: This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved

Target Details

in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum. In rodents, the homologous protein has been shown to metabolize certain carcinogens, however, the specific function of the human protein has not been determined. Two transcript variants encoding slightly different isoforms have been found for this gene. [provided by RefSeq]

Molecular Weight: 59 kDa

Gene ID: 1580

UniProt: [P13584](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: HeLaS3

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.69 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.