

CYP4B1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02424
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Cytochrome P450 4B1. AA range:141-190
Mol wt	58991
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	CYP4B1 Antibody
Synonyms	CYP4B1; Cytochrome P450 4B1; CYP1VB1; Cytochrome P450-HP

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CYP4B1 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. In rodents, the homologous protein has been shown to metabolize certain carcinogens; however, the specific function of the human protein has not been determined. Multiple transcript variants have been found for this gene.

Recommended Dilution

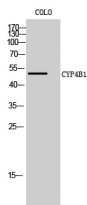
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

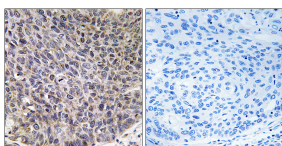
ELISA: 1: 40000

Not yet tested in other applications.

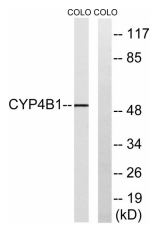
Images



Western Blot analysis of COLO cells using CYP4B1 Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Cytochrome P450 4B1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO cells, using Cytochrome P450 4B1 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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