

# CYP4B1 rabbit pAb

Cat No.:ES4946

For research use only

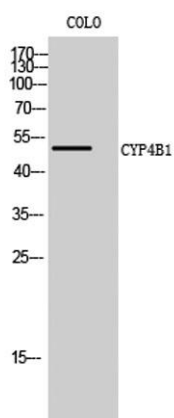
## Overview

Product Name	CYP4B1 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Cytochrome P450 4B1. AA range:141-190
Specificity	CYP4B1 Polyclonal Antibody detects endogenous levels of CYP4B1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Cytochrome P450 4B1
Gene Name	CYP4B1
Cellular localization	Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome membrane; Peripheral membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	50kD
Human Gene ID	1580
Human Swiss-Prot Number	P13584
Alternative Names	CYP4B1; Cytochrome P450 4B1; CYP4B1; Cytochrome P450-HP
Background	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many



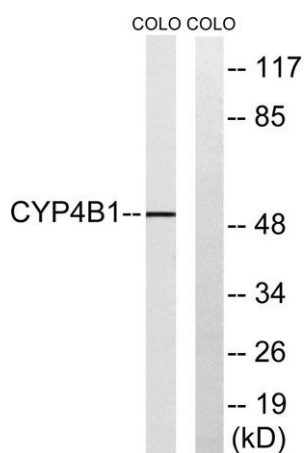
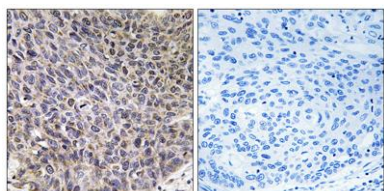


reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum. In rodents, the homologous protein has been shown to metabolize certain carcinogens; however, the specific function of the human protein has not been determined. Multiple transcript variants have been found for this gene. [provided by RefSeq, Jan 2016],



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.

