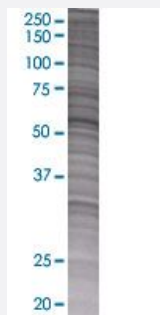


# CYP4B1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001580-T01

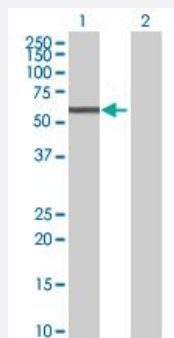
Size 100 uL

## Applications



### SDS-PAGE Gel

CYP4B1 transfected lysate.



### Western Blot

Lane 1: CYP4B1 transfected lysate ( 56.43 KDa)

Lane 2: Non-transfected lysate.

## Specification

|                               |                         |
|-------------------------------|-------------------------|
| Transfected Cell Line         | 293T                    |
| Plasmid                       | pCMV-CYP4B1 full-length |
| Host                          | Human                   |
| Theoretical MW (kDa)          | 56.43                   |
| Interspecies Antigen Sequence | Mouse (85); Rat (86)    |

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CYP4B1 antibody ([H00001580-B01](#)) by Western Blots.  
SDS-PAGE Gel  
CYP4B1 transfected lysate.  
Western Blot  
Lane 1: CYP4B1 transfected lysate ( 56.43 KDa)  
Lane 2: Non-transfected lysate.

## Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

## Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — CYP4B1

## Entrez GeneID

[1580](#)

## GeneBank Accession#

[BC017758.1](#)

## Protein Accession#

[AAH17758.1](#)

## Gene Name

CYP4B1

## Gene Alias

CYP4B1, P-450HP

## Gene Description

cytochrome P450, family 4, subfamily B, polypeptide 1

## Omim ID

[124075](#)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

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. Two transcript variants encoding slightly different isoforms have been found for this gene. [provided by RefSeq]

## Other Designations

OTTHUMP00000009678|OTTHUMP00000009679|cytochrome P450, subfamily IVB, polypeptide 1|microsomal monooxygenase

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Kidney Failure](#)
- [Tobacco Use Disorder](#)