

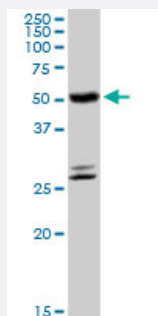
MaxPab®

# CYP4B1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001580-D01P

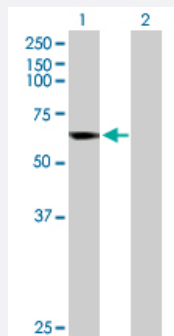
Size 100 ug

## Applications



### Western Blot (Tissue lysate)

CYP4B1 MaxPab rabbit polyclonal antibody. Western Blot analysis of CYP4B1 expression in mouse kidney.



### Western Blot (Transfected lysate)

Western Blot analysis of CYP4B1 expression in transfected 293T cell line ([H00001580-T02](#)) by CYP4B1 MaxPab polyclonal antibody.

Lane 1: CYP4B1 transfected lysate(59.10 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human CYP4B1 protein.

### Immunogen

CYP4B1 (AAH17758.1, 1 a.a. ~ 512 a.a) full-length human protein.

### Sequence

MVPSFLSLSFSSSLGLWASGLILVLGFLKLIHLLRRQTLAKAMDKFPGPPTHWLFGHALEIQETGSL  
DKVVSWAHQFPYAHPLWFGQFIGFLNIYEPDYAKAVYSRGDPKAPDVYDFFLQWIGRGLLVLEGP  
KWLQHRKLLTPGFHYDVLKPYAVFTSTRIMLDKWEKAREGKSFDIFCDVGHMALNTLMKCTF  
GRGDTGLGHSRDSSYLA VSDLTLLMQQLV SFQYHNDFIYWLTPHGRRFLRACQVAHDHTDQVI  
RERKAALQDEKVRKKIQNRRLDFLDILLGARDEDDIKLSADLRAEVDTFMFEGHDTTSGISWF  
LYCMALYPEHQHRCREEVREILGDQDFFQWDDL GKMTYLTMCIKESFRLYPPVPQVYRQLSKPVT  
FVDGRSLPAGSLISMHIYALHRNSAVWPDPEVFDLSLRFSTENASKRHPFAFMFSA GPRNCIGQQ  
FAMSEMKVVTAMCLLRFESLDPSRLPIKMPQLVLRSKNGFHLHLKPLPGPSGK

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| Host                          | Rabbit                                                                   |
| Reactivity                    | Human, Mouse                                                             |
| Interspecies Antigen Sequence | Mouse (85); Rat (86)                                                     |
| Quality Control Testing       | Antibody reactive against mammalian transfected lysate.                  |
| Storage Buffer                | In 1x PBS, pH 7.4                                                        |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Tissue lysate)

CYP4B1 MaxPab rabbit polyclonal antibody. Western Blot analysis of CYP4B1 expression in mouse kidney.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CYP4B1 expression in transfected 293T cell line ([H00001580-T02](#)) by CYP4B1 MaxPab polyclonal antibody.

Lane 1: CYP4B1 transfected lysate(59.10 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — CYP4B1

|                     |                                                       |
|---------------------|-------------------------------------------------------|
| Entrez GeneID       | <a href="#">1580</a>                                  |
| GeneBank Accession# | <a href="#">BC017758.1</a>                            |
| Protein Accession#  | <a href="#">AAH17758.1</a>                            |
| Gene Name           | CYP4B1                                                |
| Gene Alias          | CYP11B1, P-450HP                                      |
| Gene Description    | cytochrome P450, family 4, subfamily B, polypeptide 1 |
| Omim ID             | <a href="#">124075</a>                                |
| Gene Ontology       | <a href="#">Hyperlink</a>                             |

**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

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