

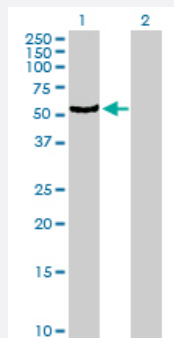
MaxPab®

CYP4B1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001580-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CYP4B1 expression in transfected 293T cell line ([H00001580-T01](#)) by CYP4B1 MaxPab polyclonal antibody.

Lane 1: CYP4B1 transfected lysate(56.32 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse 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	MVPSFLSLSFSSLGLWASGLILVLGFLKLIHLLRRQTLAKAMDKFPGPPTHWLFGHLEIQETGSL DKVVSWAHQFPYAHPLWFGQFIGFLNIYEPDYAKAVYSRGDPKAPDVYDFFLQWIGRGLLVLEGP KWLQHRKLLTPGFHYDVLKPYVAVFTESTRIMLDKWEKAREGKSDFICDVGHMALNTLMKCTF GRGDTGLGHSRDSSYYLAVSDLTLLMQQRLVSFQYHNDFIWWLTPHGRRFLRACQVAHDHTDQVI RERKAALQDEKVRKKIQNRRLDFLDILLGARDEDDIKLSADLRAEVDTFMFEGHDTTSGISWF LYCMALYPEHQHRCREEVREILGDQDFFQWDDLKGMTYLTMCIKESFRLYPPVPQVYRQLSKPVT FVDGRSLPAGSLISMHIYALHRNSAVWPDPEVFDLSLRFSTENASKRHPFAFMPPFSAGPRNCIGQQ FAMSEMKVVTAMCLLRFEFSLDPSRLPIKMPQLVLRSKNGFHLHLKPLPGPGSGK
Host	Mouse
Reactivity	Human
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.

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[Protocol Download](#)

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 variant s encoding slightly different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000009678|OTTHUMP00000009679|cytochrome P450, subfamily 4B, polypeptide 1|microsomal monooxygenase

Disease

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