

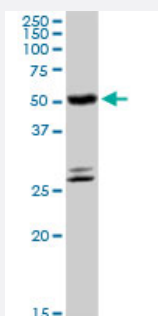
MaxPab®

CYP4B1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00001580-D01

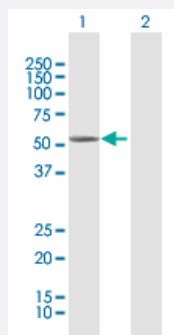
Size 100 uL

Applications



Western Blot (Tissue lysate)

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

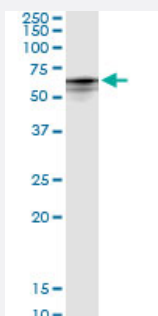


Western Blot (Transfected lysate)

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.



Immunoprecipitation

Immunoprecipitation of CYP4B1 transfected lysate using anti-CYP4B1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with CYP4B1 purified MaxPab mouse polyclonal antibody (B01P) ([H00001580-B01P](#)).

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	MVPSFLSLSFSSSLGLWASGLILVLGFLKLIHLLRRQTLAKAMDKFPGPPTHWLFHGHALEIQETGSL DKVVSWAHQFPYAHPLWFGQFIGFLNIYEPDYAKAVYSRGDPKAPDVYDFFLQWIGRGLLVLEGP KWLQHRKLLTPGFHYDVLKPYVAVFTESTRIMLDKWEKAREGKSFDIFCDVGHMALNTLMKCTF GRGDTGLGHSRDSSYYLAVSDLTLLMQQRLVSFQYHNDFIWLTPHGRRFLRACQVAHDHTDQVI RERKAALQDEKVRKKIQNRRLDFLDILLGARDEDDIKLSDADLRAEVDTFMFEGHDTTTSGISWF LYCMALYPEHQHRCREEVREILGDQDFQWDDLKGMTYLTMCIKESFRLYPPVPQVYRQLSKPVT FVDGRSLPAGSLISMHIYALHRNSAVWPDPEVFDLSLRFSTENASKRHPFAFMPPFSAGPRNCIGQQ FAMSEMKVVTAMCLLRFEFSLDPSRLPIKMPQLVLRSKNGFHLHLKPLGPGSGK
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (85); Rat (86)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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- Immunoprecipitation

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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 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

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