

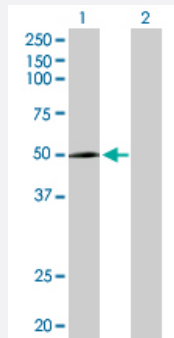
MaxPab®

CYP2R1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00120227-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CYP2R1 expression in transfected 293T cell line ([H00120227-T02](#)) by CYP2R1 MaxPab polyclonal antibody.

Lane 1: CYP2R1 transfected lysate(57.40 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CYP2R1 protein.
Immunogen	CYP2R1 (NP_078790.2, 1 a.a. ~ 501 a.a) full-length human protein.
Sequence	MWKLWRAEEGAAALGGALFLLLFALGVRQLLKQRRPMGFPPGPPGLPFIGNIYSLAASSELPHVY MRKQSQVYGEIFSLDLGGISTVVLNGYDVVKECLVHQSEIFADRPCLPLFMKMTKMGGLLNSRYG RGWVDHRR LAVNSFRYFGYGQKSFE SKILEETKFFND AIETYKGRPFDFKQLITNAVSNITNLIFGE RFTYEDTDFQHMIELFSE NVELAASASVFLYNAPFWIGILPFGKHQQLFRNAAVVYDFLSRLIEKAS VNRKPQLPQH FVDAYLDEMDQGKNDPSSTFSKENLIFSVGELIAGTETTTNVLRWAILFMALYPNI QGQVQKEIDLIMGPNGKPSWDDKCKMPYTEAVLHEVLRFCNVPLGIFHATSEDAVVRGYSIPKGT TVITNLYSVHFDEKYWRDPEVFHPERFLDSSGYFAKKEALVPFSLGRRHCLGEHLARMEMFLFFT ALLQRFHLHFPHELVPDLKPRLGMTLQPQPYLICAERR
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (90)
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 — CYP2R1

Entrez GeneID

[120227](#)

GeneBank Accession#

[NM_024514.4](#)

Protein Accession#

[NP_078790.2](#)

Gene Name

CYP2R1

Gene Alias

MGC4663

Gene Description

cytochrome P450, family 2, subfamily R, polypeptide 1

Omim ID

[600081 608713](#)

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 enzyme is a microsomal vitamin D hydroxylase that converts vitamin D into the active ligand for the vitamin D receptor. A mutation in this gene has been associated with selective 25-hydroxyvitamin D deficiency. [provided by RefSeq]

Other Designations

cytochrome P450, family 2, R1|vitamin D 25-hydroxylase

Disease

- [Asthma](#)

- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Obesity](#)
- [Vitamin D Deficiency](#)