

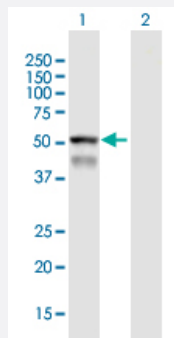
MaxPab®

CYP4F8 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00011283-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CYP4F8 expression in transfected 293T cell line ([H00011283-T01](#)) by CYP4F8 MaxPab polyclonal antibody.

Lane 1: CYP4F8 transfected lysate(57.2 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CYP4F8 protein.

Immunogen

CYP4F8 (AAI56577.1, 1 a.a. ~ 520 a.a) full-length human protein.

Sequence

MSLLSLSWLGLRPVAASPWLLLLLVGASWLLARILAWTYAFYHNGRRLRCFPQPRKQNWFLGHL
GLVTPTEEGLRVLTQLVATYPQGFVRWLGPIITPINLCHPDIVRSVINTSDAITDKDIVFYKTLKPWLG
DGLLLSVGDKWRHHRLLTPAFHFNILKPYKIFSKSANIMHAKWQRLAMEGSTCLDVFEHISLMTL
DSLQKCIFSFDNSNCQEKPSSEYITAIMELSALVVKRNNQFFRYKDFLYFLTPCGRRFHRACRLVHDF
TDAVIQERRRTLTSQGVDDFLQAKAKSKTLDFIDVLLSSEDKNGKELSDIEDIRAEADTFMFGGHDT
TASGLSWVLYNLAHPEYQERCQEVQELLKDREPKEIEWDDLAQLPFLTMCLKESLRLHPPIPT
FARGCTQDVVLPDSRVIPKGNVCNINFAIHHNPSVWPDPEVYDPFRFDPENAKRSPMAFIPFSA
GPRNCIGQKFAMAEMKVVLALTLLRFRILPDHREPRRTPEVLRAEDGLWLRVEPLG

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (75); Rat (74)

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 — CYP4F8

Entrez GeneID

[11283](#)

GeneBank Accession#

[BC156576.1](#)

Protein Accession#

[AAI56577.1](#)

Gene Name

CYP4F8

Gene Alias

CPF8, CYP1VF8

Gene Description

cytochrome P450, family 4, subfamily F, polypeptide 8

Omim ID

[611545](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene, CYP4F8, 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 and functions as a 19-hydroxylase of prostaglandins in seminal vesicles. This gene is part of a cluster of cytochrome P450 genes on chromosome 19. Another member of this family, CYP4F3, is approximately 18 kb away. [provided by RefSeq]

Other Designations

cytochrome P450, subfamily VF, polypeptide 8[flavoprotein-linked monooxygenase]microsomal monooxygenase

Disease

- [Kidney Failure](#)