

DNAxPAb

Hard-to-Find
Antibody

CYP8B1 DNAxPab

Catalog # H00001582-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CYP8B1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MVLWGPVLGALLVVIAGYLCLPGMLRQRRPWEPPLDKGTVPWLGHAMAFRKNMFELKRMRTK HGDVFTVQLGGQYFTFVMDPLSFGPILKDTQRKLDFGQYAKKLVLKVFGYRSVQGDHEMIHSAST KHLRGDGLKDLNETMLDSLSFVMLTSKGWSLDASCWHEDSLFRFCYILFTAGYLSLFGYTKDKE QDLLQAGELFMEFRKFDLLFPRFVYSLWPREWLEVGRQLQRLFHKMLSVSHSQEKEGISNWLGN MLQFLREQGVPSAMQDKFNFMMLWASQGNTGPTSFWALLYLLKHPEAIRAVREEATQVLGEARL ETKQSFAPKLGAHQHTPVLDVVEETLRLRAAPTLLRLVHEDYTLKMSSGQEYLFHGDILALFPY LSVHMDPDHPEPTVFKYDRFLNPNGSRKVDFFKTGKKIHHYTMPWGSGVSICPGRFFALSEVKL FILLMVTHFDLELVDPDTPHVDPPQRWGFQTMQPSHDVRFYRLHPTE
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CYP8B1

Entrez GeneID [1582](#)

GeneBank Accession# [NM_004391.1](#)

Protein Accession# [NP_004382.1](#)

Gene Name CYP8B1

Gene Alias CP8B, CYP12, FLJ17826

Gene Description cytochrome P450, family 8, subfamily B, polypeptide 1

Omim ID [602172](#)

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 endoplasmic reticulum membrane protein catalyzes the conversion of 7 alpha-hydroxy-4-cholesten-3-one into 7-alpha,12-alpha-dihydroxy-4-cholesten-3-one. The balance between these two steroids determines the relative amounts of cholic acid and chenodeoxycholic acid both of which are secreted in the bile and affect the solubility of cholesterol. This gene is unique among the cytochrome P450 genes in that it is intronless. [provided by RefSeq]

Other Designations 7 alpha-hydroxy-4-cholesten-3-one 12-alpha-hydroxylase|OTTHUMP00000164042|cytochrome P450, subfamily VIII B (sterol 12-alpha-hydroxylase), polypeptide 1|sterol 12-alpha-hydroxylase

Pathway

- [Metabolic pathways](#)
- [PPAR signaling pathway](#)
- [Primary bile acid biosynthesis](#)

Disease

- [Hearing Loss](#)
- [Kidney Failure](#)