

DNAPAb

Hard-to-Find
Antibody

CYP2J2 DNAPAb

Catalog # H00001573-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CYP2J2 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MLAAMGSLAAALWAVVHPRTLGLTVAFLAADFLKRRRPKNYPPGPWRLPFLGNFFLVDFEQS HLEVQLFVKKYGNLFSLELGDISAVLITGLPLIKEALIHMDQNFGNRPVTPMREHIFKKNGLIMSSGQ AWKEQRRFTLTALRNFGLGKKSLEERIQEEAQHLTEAIKEENGQPFDPHFKINNAVSNIICSITFGER FEYQDSWFQQLLKLLDEVTYLEASKTCQLYNVFPWIMKFLPGPHQTLFSNWKKLKLFSVSHMIDKH RKDOWNPAETRDFIDAYLKEMSKHTGNPTSSFHEENLICSTLDLFFAGTETTSTTLRWALLYMALYP EIQEKVQAEIDRVIGGQQPSTAARESMPYTNAVIHEVQRMGNIPLNVPREVTVDTTLAGYHLPKG TMILTNLTALHRDPTIEWATPDTFNPDHFLENGQFKKREAFMPFSIGKRACLGEQLARTELIFFFTSL MQKFTFRPPNNEKLSLKFRMGITISPVSHRLCAVPQV
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 — CYP2J2

Entrez GeneID [1573](#)

GeneBank Accession# [BC032594](#)

Protein Accession# [no protein_acc](#)

Gene Name CYP2J2

Gene Alias CPJ2

Gene Description cytochrome P450, family 2, subfamily J, polypeptide 2

Omim ID [601258](#)

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 and is thought to be the predominant enzyme responsible for epoxidation of endogenous arachidonic acid in cardiac tissue. [provided by RefSeq]

Other Designations OTTHUMP00000010550|arachidonic acid epoxygenase|cytochrome P450, subfamily IIJ (arachidonic acid epoxygenase) polypeptide 2|flavoprotein-linked monooxygenase|microsomal monooxygenase

Pathway

- [Arachidonic acid metabolism](#)
- [Linoleic acid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Asthma](#)

- [Atherosclerosis](#)
- [Body Weight](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Obesity](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)