

DNAxPAb

Hard-to-Find
Antibody

CYP3A43 DNAxPab

Catalog # H00064816-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CYP3A43 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MNLETGNGPHHFPWRYVGEKPEAGSREQQVHQLERFLWGLHHGCNHHWHIWSSELGFSQQSTR SLSEKYEEAFKIGFFGSLFTLNIQSLAVLPRPECMVRSGLTETSTSWVRVILLQPPEELGLQHRV DFFQQIIDSQNSKETKSHKALSDLELVAQSIIIFAAAYDTTSTLTPFIMYELATHPDVQQKLQEEIDAVL PNKAPVTYDALVQMEYLDMMVNETLRLFPVVSRTVTRVCKKDIEINGVFIPKGLAVMVPYALHHDP KYWTEPEKFCPERSH
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 — CYP3A43

Entrez GeneID [64816](#)

GeneBank Accession# [BC100982.3](#)

Protein Accession# [AAI00983.1](#)

Gene Name CYP3A43

Gene Alias MGC119315, MGC119316

Gene Description cytochrome P450, family 3, subfamily A, polypeptide 43

Omim ID [606534](#)

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 has a low level of testosterone hydroxylase activity. Although it bears homology to some drug-metabolizing cytochrome P450s, it is unknown whether the enzyme is also involved in xenobiotic metabolism. This gene is part of a cluster of cytochrome P450 genes on chromosome 7q21.1. Alternate splicing of this gene results in three transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations cytochrome P450 polypeptide 43|cytochrome P450, subfamily IIIA, polypeptide 43

Pathway

- [Drug metabolism - cytochrome P450](#)
- [Drug metabolism - other enzymes](#)
- [gamma-Hexachlorocyclohexane degradation](#)
- [Linoleic acid metabolism](#)
- [Metabolic pathways](#)
- [Metabolism of xenobiotics by cytochrome P450](#)
- [Retinol metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Precancerous Conditions](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)