

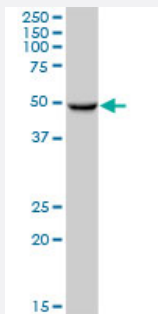
MaxPab®

CYP3A43 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00064816-B01P

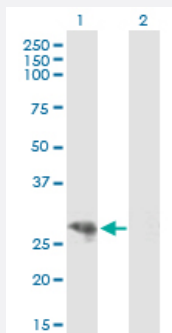
Size 50 ug

Applications



Western Blot (Tissue lysate)

CYP3A43 MaxPab polyclonal antibody. Western Blot analysis of CYP3A43 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of CYP3A43 expression in transfected 293T cell line ([H00064816-T01](#)) by CYP3A43 MaxPab polyclonal antibody.

Lane 1: CYP3A43 transfected lysate(30.8 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CYP3A43 protein.
Immunogen	CYP3A43 (AAI00983.1, 1 a.a. ~ 280 a.a) full-length human protein.
Sequence	MNLETGNGPHHFPMWRYVGEKPEAGSREQQVHQLERFLWGLHHGCNHHWHIWSSELGFSQQSTR SLSEKYEEAFKIGFFGSLFTLNQSLAVLPRPECMVRSGLTETSTSWVRVILLQPPEELGLQHRV DFFQQIIDSQNSKETKSHKALSDLELVAQSIIIFAAAYDTTSTLTPFIMYELATHPDVQQKLQEEIDAVL PNKAPVTYDALVQMEYLDMMVNETLRLFPVVSrvTRVCKKDIEINGVFIPKGLAVMVPIYALHHDP KYWTEPEKFPCPERSH
Host	Mouse

Reactivity	Human
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 (Tissue lysate)

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[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CYP3A43 expression in transfected 293T cell line ([H00064816-T01](#)) by CYP3A43 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — CYP3A43

Entrez GeneID	64816
GeneBank Accession#	BC100982.2
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](#)