

Datasheet

CYP7B1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00009420-B01P

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human CYP7B1 protein.

Immunogen: CYP7B1 (NP_004811.1, 1 a.a. ~ 506 a.a) full-length human protein.

Sequence:

MAGEVSAATGRFSLERLGLPGLALAAALLLALCLLVR
RTRRPGEPLIKGWLPYLGVVLNLRKDPLRFMKTLQK
QHGDFTFTVLLGGKYITFILDPFQYQLVIKNHKQLSFRVF
SNKLEKAFFSISQLQKNHDMNDELHLCYQFLQGKSLDI
LLESMMQNLKQVFEPQLLKTTSWDTAELYPFCSSIIIFEI
TFTTIYGKIVICDNNKFISELRDDFLKFDDKFAYLVSNI
IELLGNVKSIREKIKCFSSSEKLAKMQGWSEVFQSRQD
VLEKYYVHEDLEIGAHHLGFLWASVANTIPTMFWAMY
YLLRHPEAMAAVRDEIDRLQSTGQKKGSGFPIHLTRE
QLDSLICLESSIFEALRLSSYSTTIRFVEEDLTLSSETGD
YCVRKGD LVAIFPPVLHGDPEIFEAPPEEFYDRFIEDG
KKKTTFFKRGKKLKCYLMPFGTGTSCPGRFFALMEIK
QLLVILLTYFDLEIIDDKPIGLNYSRLLFGIQYPDSDVLF
YKVK

Host: Mouse

Reactivity: Human

Applications: Det Ab, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9420

Gene Symbol: CYP7B1

Gene Alias: CBAS3, CP7B, SPG5A

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 first reaction in the cholesterol catabolic pathway of extrahepatic tissues, which converts cholesterol to bile acids. This enzyme likely plays a minor role in total bile acid synthesis, but may also be involved in the development of atherosclerosis, neurosteroid metabolism and sex hormone synthesis. [provided by RefSeq]