

Product datasheet for **TA343076**

CYP7B1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CYP7B1 antibody: synthetic peptide directed towards the C terminal of human CYP7B1. Synthetic peptide located within the following region: AMYYLLRHPEAMAAVRDEIDRLLQSTGQKKGSGFPIHLTREQLDSLICLE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	cytochrome P450 family 7 subfamily B member 1
Database Link:	NP_004811 Entrez Gene 9420 Human O75881
Background:	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.



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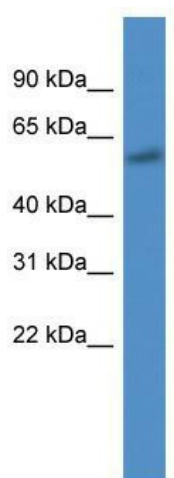
Synonyms: CBAS3; CP7B; SPG5A

Note: Immunogen Sequence Homology: Human: 100%; Dog: 93%; Horse: 93%; Pig: 86%; Rat: 86%; Bovine: 85%; Rabbit: 85%

Protein Families: Druggable Genome, P450, Transmembrane

Protein Pathways: Primary bile acid biosynthesis

Product images:



WB Suggested Anti-CYP7B1 Antibody; Titration: 1.0 ug/ml; Positive Control: 721_B Whole Cell
CYP7B1 is supported by BioGPS gene expression data to be expressed in 721_B