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Datasheet for ABIN2788601 anti-CYP7B1 antibody (C-Term)

2 Images



Overview

Quantity:	100 μL
Target:	CYP7B1
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Rabbit, Pig, Dog, Horse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP7B1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CYP7B1
Sequence:	AMYYLLRHPE AMAAVRDEID RLLQSTGQKK GSGFPIHLTR EQLDSLICLE
Predicted Reactivity:	Cow: 85%, Dog: 93%, Horse: 93%, Human: 100%, Pig: 86%, Rabbit: 85%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against CYP7B1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CYP7B1
Alternative Name:	CYP7B1 (CYP7B1 Products)

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Target Details

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.
	Alias Symbols: CBAS3, CP7B, SPG5A
	Protein Interaction Partner: UBC,
	Protein Size: 506
Molecular Weight:	58 kDa
Gene ID:	9420
NCBI Accession:	NM_004820, NP_004811
UniProt:	075881
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Steroid Hormone Biosynthesis,
	Regulation of Intracellular Steroid Hormone Receptor Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 506 AA
Restrictions:	For Research Use only

Handling

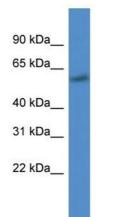
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 $\%$ (w/v) sodium azide and 2 $\%$ sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

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Handling

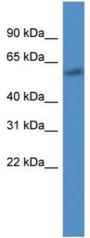
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
	aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-CYP7B1 AntibodyTitration: 1.0 μg/mL Positive Control: 721_B Whole Cell CYP7B1 is supported by BioGPS gene expression data to be expressed in 721_B



Rabbit Anti-CYP7B1 Antibody Catalog Number: ARP60826 Lot Number: QC31469 Lane: 721_B Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 2.

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