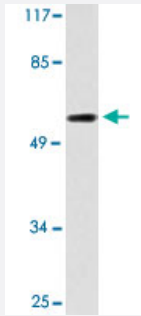


CYP7B1 polyclonal antibody

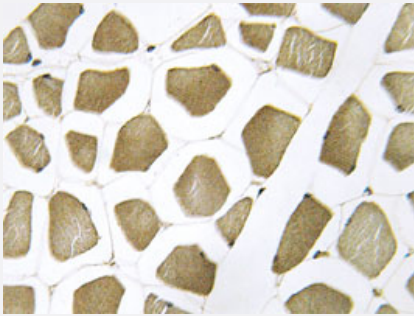
Catalog # PAB25096 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of LoVo cell lysate with CYP7B1 polyclonal antibody (Cat # PAB25096).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue using CYP7B1 polyclonal antibody (Cat # PAB25096).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CYP7B1.
Immunogen	A synthetic peptide corresponding to CYP7B1.
Host	Rabbit
Theoretical MW (kDa)	58
Reactivity	Human
Specificity	CYP7B1 polyclonal antibody detects endogenous levels of CYP7B1 protein.
Form	Liquid

Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of LoVo cell lysate with CYP7B1 polyclonal antibody (Cat # PAB25096).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue using CYP7B1 polyclonal antibody (Cat # PAB25096).

Gene Info — CYP7B1

Entrez GeneID	9420
Gene Name	CYP7B1
Gene Alias	CBAS3, CP7B, SPG5A
Gene Description	cytochrome P450, family 7, subfamily B, polypeptide 1
Omim ID	603711
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 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]

Other Designations

cytochrome P450, subfamily VIIIB (oxysterol 7 alpha-hydroxylase), polypeptide 1|oxysterol 7 alpha-hydroxylase

Pathway

- [Primary bile acid biosynthesis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)