CYP7B1 Antibody

Catalog No: #47010

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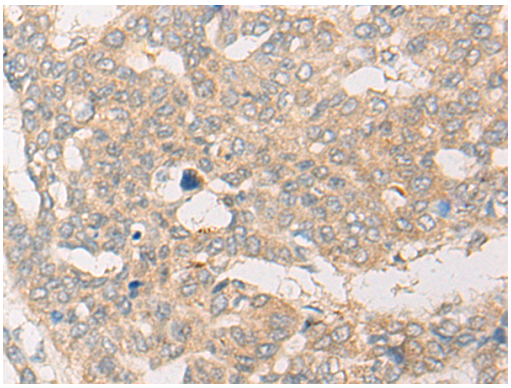
Description

Product Name	CYP7B1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CYP7B1 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human CYP7B1
Target Name	CYP7B1
Other Names	CP7B; CBAS3; SPG5A
Accession No.	Swiss-Prot#:O75881 NCBI Gene ID:9420Gene Accssion:NP_004811
Uniprot	O75881
GeneID	9420;
Concentration	0.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20C

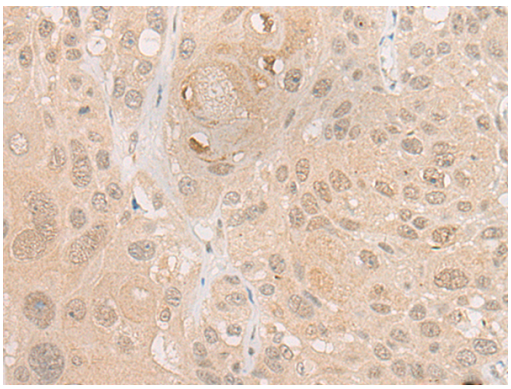
Application Details

Immunofluorescence:1: 25-100

Images



The image is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 47010(CYP7B1 Antibody) at dilution 1/25. (Original magnification: ?00)



The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 47010(CYP7B1 Antibody) at dilution 1/25. (Original magnification: ?00)

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. Mutations in this gene have been associated with hereditary spastic paraplegia (SPG5 or HSP), an autosomal recessive disorder.

Note: This product is for in vitro research use only