

## ARG63604 anti-CYP7B1 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes CYP7B1
Tested Reactivity	Hu
Predict Reactivity	Bov
Tested Application	IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CYP7B1
Species	Human
Immunogen	C-YPDSDVLFQRYKVKS
Conjugation	Un-conjugated
Alternate Names	Cytochrome P450 7B1; SPG5A; CBAS3; 25-hydroxycholesterol 7-alpha-hydroxylase; CP7B; Oxysterol 7-alpha-hydroxylase; EC 1.14.13.100

### Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 6 µg/ml

**Application Note**  
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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### Database links

[GeneID: 9420 Human](#)

[Swiss-port # O75881 Human](#)

### 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. [provided by RefSeq, Jul 2008]

### Research Area

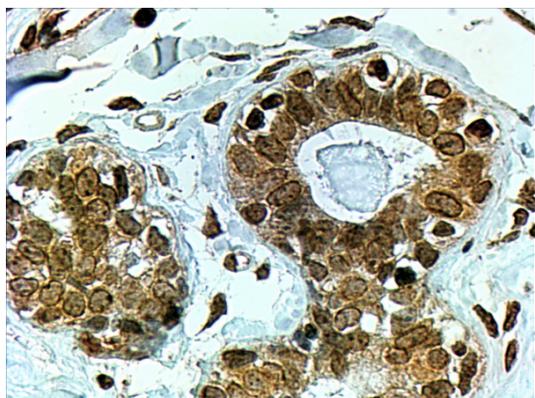
Cancer antibody; Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody

### Calculated Mw

58 kDa

## Images

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ARG63604 anti-CYP7B1 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Breast. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63604 anti-CYP7B1 antibody at 4 µg/ml dilution followed by HRP-staining.