



CYP8B1 Polyclonal Antibody

Cat No: HR1AP3225

For research use only

Overview

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|-----------------------|---|
| Product Name | CYP8B1 Polyclonal Antibody |
| Source | Rabbit |
| Applications | WB,IHC p,ELISA |
| Species Reactivity | Human,Mouse |
| Recommended Dilutions | |
| Immunogen | |
| Species | Rabbit |
| Storage | -20°C/1 year |
| Isotype | |
| Clonality | |
| Concentration | 1 mg/ml |
| Observed band | 58kDa |
| GeneID?Human? | CYP8B1 |
| Human Swiss-Prot No. | |
| Cellular localization | |
| Alternative Names | CYP8B1; CYP12; 7-alpha-hydroxycholest-4-en-3-one 12-alpha-hydroxylase; 7-alpha-hydroxy-4-cholesten-3-one 12-alpha-hydroxylase; CYPVIIIIB1; Cytochrome P450 8B1; Sterol 12-alpha-hydroxylase |
| Background | cytochrome P450 family 8 subfamily B member 1(CYP8B1) Homo sapiens 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 conversion of 7 alpha-hydroxy-4-cholesten-3-one into 7-alpha,12-alpha-dihydroxy-4-cholesten-3-one. The balance between these two steroids determines the relative amounts of cholic acid and chenodeoxycholic acid both of which are secreted in the bile and affect the solubility of cholesterol. This gene is unique among the cytochrome P450 genes in that it is intronless. [provided by RefSeq, Jul 2008], |