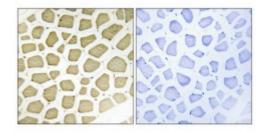


## Anti-CYP7B1 antibody





**Description** Rabbit polyclonal to CYP7B1.

Model STJ92606

**Host** Rabbit

**Reactivity** Human

**Applications** ELISA, IHC, WB

Immunogen Synthesized peptide derived from human CYP7B1

**Immunogen Region** 70-150 aa, Internal

**Gene ID** 9420

Gene Symbol CYP7B1

**Dilution range** WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000

**Specificity** CYP7B1 Polyclonal Antibody detects endogenous levels of CYP7B1 protein.

**Tissue Specificity** Brain, testis, ovary, prostate, liver, colon, kidney, and small intestine.

**Purification** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Note** For Research Use Only (RUO).

Protein Name 25-hydroxycholesterol 7-alpha-hydroxylase Cytochrome P450 7B1 Oxysterol

7-alpha-hydroxylase

Molecular Weight 58 kDa

**Clonality** Polyclonal

**Conjugation** Unconjugated

**Isotype** IgG

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Concentration** 1 mg/ml

**Storage Instruction** Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:2652OMIM:270800</u>

**Alternative Names** 25-hydroxycholesterol 7-alpha-hydroxylase Cytochrome P450 7B1 Oxysterol

7-alpha-hydroxylase

**Function** Oxysterol 7alpha-hydroxylase that mediates formation of 7-alpha,25-

dihydroxycholesterol (7-alpha,25-OHC) from 25-hydroxycholesterol . Plays a key role in cell positioning and movement in lymphoid tissues: 7-alpha,25-dihydroxycholesterol (7-alpha,25-OHC) acts as a ligand for the G protein-coupled receptor GPR183/EBI2, a chemotactic receptor for a number of

lymphoid cells.

**Cellular Localization** Endoplasmic reticulum membrane. Peripheral membrane protein. Microsome

membrane. Peripheral membrane protein.

St John's Laboratory Ltd

**F** +44 (0)207 681 2580

W http://www.stjohnslabs.com/ E info@stjohnslabs.com

**T** +44 (0)208 223 3081 **E** info@stjohn