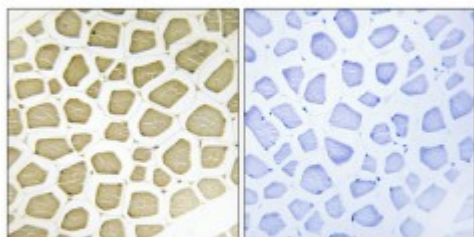


Anti-CYP7B1 antibody



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	HGNC:2652OMIM:270800
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.

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