ELK Biotechnology

OATP1 rabbit pAb

Cat No.:ES2995

For research use only

Overview

Product Name	OATP1 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human SLCO1A2. AA range:251-300
Specificity	OATP1 Polyclonal Antibody detects endogenous levels of OATP1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Solute carrier organic anion transporter family member 1A2
Gene Name	SLCO1A2
Cellular localization	Cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	80kD
Human Gene ID	6579
Human Swiss-Prot Number	P46721
Alternative Names	SLCO1A2; OATP; OATP1; OATP1A2; SLC21A3; Solute carrier organic anion transporter family member 1A2; OATP-A; Organic anion-transporting polypeptide 1; OATP-1; Sodium-independent organic anion transporter; Solute carrier family 21 member 3

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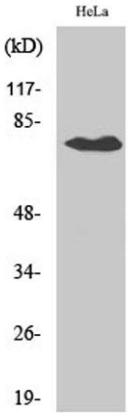
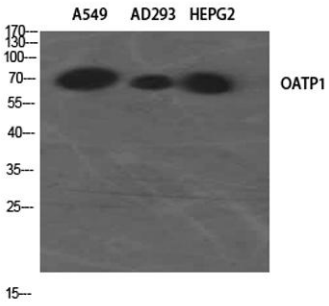
Background

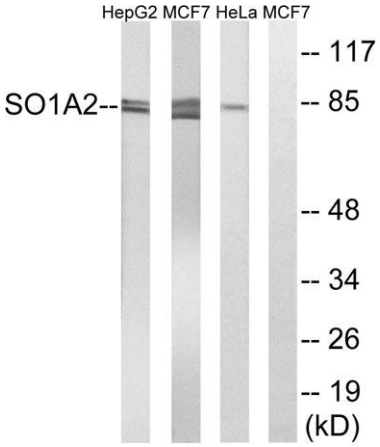
This gene encodes a sodium-independent transporter which mediates cellular uptake of organic ions in the liver. Its substrates include bile acids, bromosulphophthalein, and some steroidal compounds. The protein is a member of the SLC21A family of solute carriers. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Dec 2008],



Western Blot analysis of various cells using OATP1 Polyclonal Antibody diluted at 1:2000



Western Blot analysis of A549 AD293 HEPG2 using OATP1 Polyclonal Antibody. Antibody was diluted at 1:2000



Western blot analysis of lysates from HeLa, MCF-7, and HepG2 cells, using SLCO1A2 Antibody. The lane on the right is blocked with the synthesized peptide.

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