

## 溶质载体蛋白家族 21 成员 2 抗体

产品货号： mlR4710

英文名称： SLCO2A1

中文名称： 溶质载体蛋白家族 21 成员 2 抗体

别名： MATR1; Matrin F/G 1; OATP2A1; PGT; SO2A1\_HUMAN; PHOAR2; Prostaglandin transporter; SLCO2A1; Solute carrier family 21 (prostaglandin transporter) member 2; Solute carrier family 21 member 2; Solute carrier organic anion transporter family member 2A1.

研究领域： 细胞生物 免疫学 信号转导 通道蛋白 新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

产品应用： WB=1:500-2000 ELISA=1:500-1000 Flow-Cyt=3ug/Test

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 70kDa

细胞定位 : 细胞膜

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human PGT/Slco2a1:611-643/643 <Cytoplasmic>

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed : PubMed

**产品介绍：** The organic anion transporting polypeptide (OATP) family of proteins play a role in drug absorption, distribution and excretion. OATP proteins mediate the uptake of a broad range of substrates, including bile salts, hormones, drugs and antibiotics, and they are expressed in various tissues, such as gut, brain, kidney and liver. PGT, also known as SLCO2A1 (solute carrier organic anion transporter family, member 2A1), SLC21A2 or OATP2A1, is a 643 amino acid multi-pass membrane protein that belongs to the organic anion transporter family. Expressed ubiquitously, PGT is thought to mediate the release, transepithelial transport and clearance of prostaglandins from cells to other areas of the body. The gene encoding PGT maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci.

**Function:**

May mediate the release of newly synthesized prostaglandins from cells, the transepithelial transport of prostaglandins, and the clearance of prostaglandins from the circulation. Transports PGD2, as well as PGE1, PGE2 and PGF2A.

**Subcellular Location:**

Cell membrane; Multi-pass membrane protein.

**Tissue Specificity:**

Ubiquitous.

**Similarity:**

Belongs to the organo anion transporter (TC 2.A.60) family. Contains 1 Kazal-like domain.

**SWISS:**

Q92959

Gene ID:

6578

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

