

## 溶质载体蛋白家族 43 成员 2 抗体

产品货号： mIR9281

英文名称： SLC43A2

中文名称： 溶质载体蛋白家族 43 成员 2 抗体

别名： FLJ23848; L-type amino acid transporter 4; Large neutral amino acids transporter small subunit 4; LAT4; LAT4\_HUMAN; MGC34680; SLC43A2; Solute carrier family 43 (amino acid system L transporter) member 2; Solute carrier family 43 member 2.

研究领域： 细胞生物 信号转导 细胞膜蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit, Zebrafish, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

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

分子量： 62kDa

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 SLC43A2:81-180/569

**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：** System L amino acid transporters, such as SLC43A2, mediate sodium-independent transport of bulky neutral amino acids across cell membranes (Bodoy et al., 2005 [PubMed 15659399]).[supplied by OMIM, Mar 2008]

**Function:**

Sodium-, chloride, pH-independent high affinity transport of large neutral amino acids.

**Subcellular Location:**

Membrane.

**Tissue Specificity:**

Detected in several tissues with, higher expression in placenta, kidney and peripheral blood leukocytes. In the kidney is detected in epithelial cells of the distal tubule and collecting duct. In the intestine is expressed mainly in crypt cells of the intestinal microvilli and epithelial cells in the base of the villus.

**Post-translational modifications:**

Glycosylated.

**Similarity:**

Belongs to the SLC43A transporter (TC 2.A.1.44) family.

**SWISS:**

Q8N370

**Gene ID:**

124935

**Important Note:**

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