

L 型氨基酸转运蛋白 3 抗体

产品货号： mIR17110

英文名称： LAT3

中文名称： L 型氨基酸转运蛋白 3 抗体

别名： L type amino acid transporter 3; L-type amino acid transporter 3; Large neutral amino acids transporter small subunit 3; LAT3_HUMAN; PB39; POV1; Prostate cancer overexpressed gene 1 protein; R00504; SLC43A1; Solute carrier family 43 member 1.

研究领域： 肿瘤 细胞生物 信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Cow, Horse, Rabbit,

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 : 61kDa

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 LAT3:101-200/559

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 : SLC43A1 belongs to the system L family of plasma membrane carrier proteins that transports large neutral amino acids (Babu et al., 2003 [PubMed 12930836]).[supplied by OMIM, Mar 2008]

Function:

Sodium-independent, high affinity transport of large neutral amino acids. Has narrower substrate selectivity compared to SLC7A5 and SLC7A8 and mainly transports branched-chain amino acids and phenylalanine. Plays a role in the development of human prostate cancer, from prostatic intraepithelial neoplasia to invasive prostate cancer.

Subcellular Location:

Membrane.

Tissue Specificity:

In adults, found in all tissues examined with highest expression in pancreas. In fetus, highest expression in liver and lower levels in kidney, and lung. High levels found in prostate cancer cells.

Similarity:

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

SWISS:

O75387

Gene ID:

8501

Important Note:

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