溶质载体家族蛋白 7 成员 3 抗体

产品货号： mlR21026

英文名称： SLC7A3

中文名称： 溶质载体家族蛋白 7 成员 3 抗体

别　　名： ATRC3; CAT-3; CAT3; Cationic amino acid transporter 3; Cationic amino acid transporter y+; CTR3_HUMAN; FLJ14541; MGC20687; Slc7a3; Solute carrier family 7 (cationic amino acid transporter, y+ system), member 3; Solute carrier family 7 member 3.

研究领域： 肿瘤　细胞生物　免疫学　信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Horse, 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： 67kDa

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 SLC7A3:221-320/619 <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 protein encoded by this gene is a member of the system y+ cationic amino acid transporter family. Proteins of this family allow uptake of arginine from extracellular media. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]

Function:

Mediates the uptake of the cationic amino acids arginine, lysine and ornithine in a sodium-independent manner.

Subcellular Location:

Cell membrane.

Tissue Specificity:

Highly expressed in thymus, uterus and testis. Detected at lower levels in brain, mammary gland, prostate, salivary gland and fetal spleen. In brain, highest expression in thalamus, hippocampus and amygdala.

Post-translational modifications:

N-glycosylated.

Similarity:

Belongs to the amino acid-polyamine-organocation (APC) superfamily.

Cationic amino acid transporter (CAT) (TC 2.A.3.3) family.

Gene ID:

84889

Important Note:

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