

## 溶质载体家族蛋白 7 成员 2 抗体

产品货号： mlR21025

英文名称： SLC7A2

中文名称： 溶质载体家族蛋白 7 成员 2 抗体

别名： 20.5 ; Amino acid transporter, cationic 2 (low affinity) ; ATRC 2 ; ATRC2 ; CAT 2 ; CAT-2 ; CAT2 ; Cat2a ; Cat2b ; Cationic amino acid transporter 2A ; cationic amino acid transporter,  $\gamma^+$  system; low affinity cationic amino acid transporter 2 ; CTR2\_HUMAN ; HCAT 2 ; HCAT2 ; Low affinity cationic amino acid transporter 2 ; OTTHUMP00000216432 ; OTTHUMP00000216433 ; OTTMUSP00000041667 ; OTTMUSP00000041669 ; RCAT2 ; SLC7A 2 ; Solute carrier family 7 member 2 ; Tea.

研究领域： 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,

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： 72kDa

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 SLC7A2:201-300/658 <Extracellular>

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 cationic amino acid transporter and a member of the APC (amino acid-polyamine-organocation) family of transporters. The encoded membrane protein is responsible for the cellular uptake of arginine, lysine and ornithine. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

**Function:**

Low-affinity, high capacity permease involved in the transport of the cationic amino acids (arginine, lysine and ornithine). Plays a regulatory role in classical or alternative activation of macrophages.

**Subcellular Location:**

Membrane.

**Tissue Specificity:**

Expressed at high levels in the skeletal muscle, placenta and ovary. Expressed at intermediate levels in the liver and pancreas and at low levels in the kidney and heart.

**Similarity:**

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

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

**SWISS:**

P52569

**Gene ID:**

6542

**Important Note:**

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