

铜离子转运蛋白 1 抗体

产品货号： mlR10773

英文名称： CTR1

中文名称： 铜离子转运蛋白 1 抗体

别名： Copper transport 1 homolog; Copper transporter 1; COPT1; COPT1_HUMAN; CTR1; hCTR1; High affinity copper uptake protein 1; SLC31A1; solute carrier family 31 (copper transporters) member 1; Solute carrier family 31 member 1.

研究领域： 神经生物学 通道蛋白 细胞膜受体

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Pig, Cow, Horse, Rabbit, 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： 21kDa

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 CTR1:51-150/190 <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 high-affinity copper transporter found in the cell membrane. The encoded protein functions as a homotrimer to effect the uptake of dietary copper. [provided by RefSeq, Aug 2011]

Function:

High-affinity, saturable copper transporter involved in dietary copper uptake.

Subunit:

Homotrimer.

Subcellular Location:

Cell membrane. Localizes to the apical membrane in intestinal epithelial cells.

Post-translational modifications:

O-Glycosylation at Thr-27 protects from proteolytic cleavage in the N-terminal extracellular domain.

Similarity:

Belongs to the copper transporter (Ctr) (TC 1.A.56) family. SLC31A subfamily.

SWISS:

O15431

Gene ID:

1317

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

