

胃内在因子抗体

产品货号： mIR18173

英文名称： Intrinsic Factor

中文名称： 胃内在因子抗体

别名： Gastric Intrinsic Factor; Gastric intrinsic factor (vitamin B synthesis); GIF; IF; IFMH; INF; Intrinsic factor; TCM3; TCN3.

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,

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： 43kDa

细胞定位： 分泌型蛋白

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human Intrinsic Factor:321-417/417

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： This gene is a member of the cobalamin transport protein family. It encodes a glycoprotein secreted by parietal cells of the gastric mucosa and is required for adequate absorption of vitamin B12. Vitamin B12 is necessary for erythrocyte maturation and mutations in this gene may lead to congenital pernicious anemia. [provided by RefSeq, Jul 2008]

Function:

Intrinsic factor promotes absorption of the essential vitamin Cobalamin (Cbl) in the ileum by specific receptor mediated endocytosis. Defects in the gene GIF are the cause of hereditary intrinsic factor deficiency (IFD) also called congenital pernicious anemia. IFD is an autosomal recessive disorder characterized by megaloblastic anemia.

Subcellular Location:

Secreted

Tissue Specificity:

Gastric mucosa.

DISEASE:

Hereditary intrinsic factor deficiency (IFD)

Similarity:

Belongs to the eukaryotic cobalamin transport proteinsfamily.

SWISS:

P27352

Gene ID:

2694

Important Note:

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