

# PRODUCT DATA SHEET

Bioworld Technology, Inc.

# GIF polyclonal antibody

Catalog: BS8579 Host: Rabbit Reactivity: Human, Mouse

## **BackGround:**

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.

#### **Product:**

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

## **Molecular Weight:**

~ 45kDa

#### **Swiss-Prot:**

P27352

#### **Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

# **Applications:**

WB: 1:500~1:2000 IF: 1:50~1:200

# Storage&Stability:

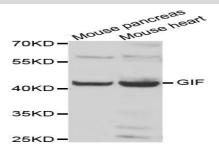
Store at  $4\,\mathrm{C}$  short term. Aliquot and store at  $-20\,\mathrm{C}$  long term. Avoid freeze-thaw cycles.

## **Specificity:**

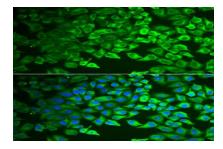
GIF polyclonal antibody detects endogenous levels of

## GIF protein.

## **DATA:**



Western blot analysis of extracts of various cell lines, using GIF antibody.



Immunofluorescence analysis of A549 cell using GIF antibody. Blue: DAPI for nuclear staining.

## Note:

For research use only, not for use in diagnostic procedure.

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