

## 58K Golgi protein polyclonal antibody

Catalog: BS90009

Host: Rabbit

Reactivity: Human

**BackGround:**

58K protein antibodies are excellent for use as markers for the Golgi complex. The 58K protein has been identified as being FTCD, a bifunctional enzyme that channels 1-carbon units from formiminoglutamate, a metabolite of the histidine degradation pathway, to the folate pool. Defects in FTCD are the cause of glutamate formiminotransferase deficiency [also known as formiminoglutamicaciduria (FIGLU-uria)], an autosomal recessive disorder. Features of a severe phenotype include elevated levels of formiminoglutamate (FIGLU) in the urine in response to histidine administration, megaloblastic anemia and mental retardation. Features of a mild phenotype include high urinary excretion of FIGLU in the absence of histidine administration, mild developmental delay and no hematological abnormalities.

**Product:**

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**Molecular Weight:**

59 kDa

**Swiss-Prot:**

O95954(Human)

**Purification&Purity:**

ProA affinity purified

**Applications:**

WB:1:500-1:1,000

IHC:1:50-1:200

FC:1:50-1:100

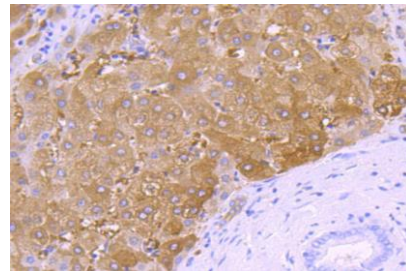
**Storage&Stability:**

Store at +4 °C after thawing. Aliquot store at -20 °C or

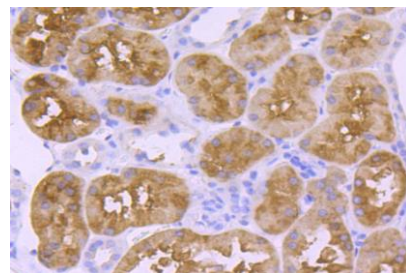
-80 °C. Avoid repeated freeze / thaw cycles.

**Specificity:**

58K Golgi protein polyclonal antibody detects endogenous levels of 58K Golgi protein protein.

**DATA:**

Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-58K Golgi protein antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-58K Golgi protein antibody. Counter stained with hematoxylin.

**Note:**

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

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