

## FCGBP Polyclonal Antibody

Catalog: BS65748

Host: Rabbit

Reactivity: Human, Mouse, Rat, Dog, Rabbit,

### BackGround:

Fc (Ig constant fragment) receptors ensure protection of the host against foreign antigens, such as microorganisms and pathogens, by removing Ig-coated antigen complexes from circulation. Fc receptors are present on lymphoid and myeloid derivatives, where they mediate endocytosis of Ig-antigen complexes, antibody production in B cells through T cell antigen presentation, cytotoxicity and the release of cytokines and reactive oxygen species. The Fc binding protein (FCGBP) interacts with the Fc portion of IgG and MUC2 to mediate the maintenance of the mucosal structure. FCGBP is a 5,405 amino acid protein that contains twelve TIL (trypsin inhibitory-like) domains and thirteen VWFD domains. It is predominantly expressed in placenta and colon epithelium as well as in thyroid and serum. Patients with various autoimmune diseases seemingly have higher levels of FCGBP protein present in their serum.

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

569kDa

### Swiss-Prot:

Q9Y6R7

### Purification&Purity:

affinity purified by Protein A

### Applications:

IHC-P=1:100-500

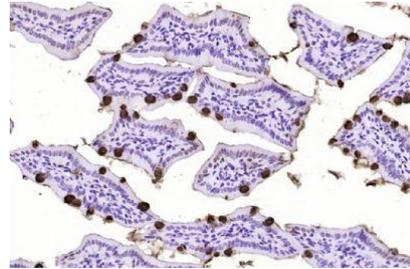
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

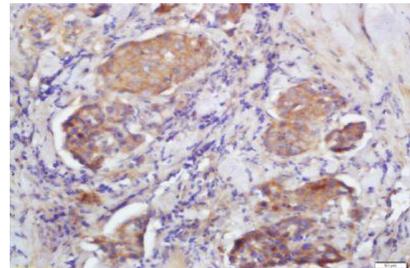
### Specificity:

FCGBP Polyclonal Antibody detects endogenous levels of FCGBP protein.

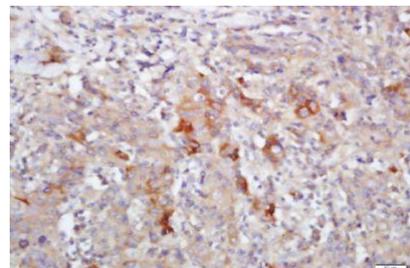
### DATA:



Paraformaldehyde-fixed, paraffin embedded (mouse intestine); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (FCGBP) Polyclonal Antibody, Unconjugated at 1:200 overnight at 4 °C



Tissue/cell: human gastric carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37 °C for 20 min; Incubation: Anti-FCGBP Polyclonal Antibody, Unconjugated 1:200, overnight at 4 °C



Tissue/cell: human gastric carcinoma; 4% Paraformaldehyde-fixed and

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## PRODUCT DATA SHEET

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Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min;

Incubation: Anti-FCGBP Polyclonal Antibody, Unconjugated 1:200,  
overnight at 4 °C

**Note:**

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

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