

Anti-IL18 binding protein antibody

Catalog # ABO10334

Product Information

Application	WB, E
Primary Accession	Q9Z0M9
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for IL18 binding protein detection. Tested with WB, ELISA(Cap) in Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	16068
Other Names	Interleukin-18-binding protein, IL-18BP, Interferon gamma-inducing factor-binding protein, Il18bp, Igfbp
Calculated MW	21257
Application Details	Western blot, 0.1-0.5 µg/ml ELISA(Cap), 0.1-0.5 µg/ml
Subcellular Localization	Secreted.
Source	Eukaryota
Contents	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	E. coli-derived mouse IL18 binding protein recombinant protein (Position: T29-A193).
Cross Reactivity	No cross reactivity with other proteins.
Storage	At -20 °C; for one year. After r ° Constitution, at 4 °C; for one month. It ° Can also be aliquotted and stored frozen at -20 °C; for a longer time. Avoid repeated freezing and thawing.

Protein Information

Name	Il18bp
-------------	--------

Synonyms	Igifbp
Function	Binds to IL-18 and inhibits its activity. Functions as an inhibitor of the early TH1 cytokine response (By similarity).
Cellular Location	Secreted.

Background

Interleukin-18-binding protein is a protein that in humans is encoded by the IL18BP gene. The protein encoded by this gene functions as an inhibitor of the proinflammatory cytokine, IL18. It binds IL18, prevents the binding of IL18 to its receptor, and thus inhibits IL18-induced IFN-gamma production, resulting in reduced T-helper type 1 immune responses. This protein is constitutively expressed and secreted in mononuclear cells. Elevated level of this protein is detected in the intestinal tissues of patients with Crohn's disease. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.