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IL18BP Rabbit pAb

Catalog # AP96885

Product Information

Application	WB
Primary Accession	O95998
Other Accession	O95998
Reactivity	Rat, Mouse
Predicted	Pig, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21099
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human IL18BP
Epitope Specificity	91-194/194
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	IL18 binding protein binds to IL18, prevents the binding of IL18 to its receptor, and thus inhibits IL18 induced IFN gamma production. It is constitutively expressed and secreted in mononuclear cells and can be enhanced by IFN gamma. An elevated level of this protein is detected in the intestinal tissues of patients with Crohn disease. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.

Additional Information

Gene ID	10068
Other Names	FVH; IL18BPa; Igifbp; I18BP_HUMAN; IL18BP; IL-18BP; Tadekinig-alfa; interleukin 18 binding protein; MC51L-53L-54L homolog gene product
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	IL18BP

Function	Isoform A binds to IL-18 and inhibits its activity. Functions as an inhibitor of the early TH1 cytokine response.
Cellular Location	Secreted.
Tissue Location	Strongly expressed in heart, lung, placenta and spleen.

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