

Datasheet

IL18 polyclonal antibody

Catalog Number: PAB14391

Regulation Status: For research use only (RUO)

Product Description: Goat polyclonal antibody raised against synthetic peptide of IL18.

Immunogen: A synthetic peptide corresponding to human IL18.

Sequence: C-NPPDNIKDTKSDI

Host: Goat

Theoretical MW (kDa): 22.3

Reactivity: Human

Applications: ELISA, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Approx 23 KDa band observed in human placenta lysates and in lysates of cell line HeLa (calculated MW of 22.3 KDa according to NP_001553.1).

Form: Liquid

Purification: Antigen affinity purification

Concentration: 0.5 mg/mL

Recommend Usage: ELISA (1:32000)
Western Blot (1-3 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction: Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3606

Gene Symbol: IL18

Gene Alias: IGIF, IL-18, IL-1g, IL1F4, MGC12320

Gene Summary: The protein encoded by this gene is a proinflammatory cytokine. This cytokine can induce the IFN-gamma production of T cells. The combination of this cytokine and IL12 has been shown to inhibit IL4 dependent IgE and IgG1 production, and enhance IgG2a production of B cells. IL-18 binding protein (IL18BP) can specifically interact with this cytokine, and thus negatively regulate its biological activity. [provided by RefSeq]

References:

1. Regulatory polymorphisms in the interleukin-18 promoter are associated with hepatitis C virus clearance. An P, Thio CL, Kirk GD, Donfield S, Goedert JJ, Winkler CA. J Infect Dis. 2008 Oct 15;198(8):1159-65.