

Datasheet for ABIN7156821
anti-IL-18 antibody (AA 1-193)



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1 Image

Overview

Quantity:	100 µg
Target:	IL-18 (IL18)
Binding Specificity:	AA 1-193
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-18 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Interleukin-18 protein (1-193AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	IL-18 (IL18)
Alternative Name:	IL18 (IL18 Products)
Background:	Background: A proinflammatory cytokine primarily involved in polarized T-helper 1 (Th1) cell and natural killer (NK) cell immune responses (Probable). Upon binding to IL18R1 and IL18RAP,

Target Details

forms a signaling ternary complex which activates NF-kappa-B, triggering synthesis of inflammatory mediators (PubMed:14528293, PubMed:25500532). Synergizes with IL12/interleukin-12 to induce IFNG synthesis from T-helper 1 (Th1) cells and natural killer (NK) cells (Probable) (PubMed:10653850).

Aliases: Ibocadekin antibody, IFN gamma inducing factor antibody, IFN-gamma-inducing factor antibody, IGIF antibody, IL 1 gamma antibody, IL 18 antibody, IL 1g antibody, IL-1 gamma antibody, IL-18 antibody, IL1 gamma antibody, IL18 antibody, IL18 protein antibody, IL18_HUMAN antibody, IL1F4 antibody, IL1g antibody, IL1gamma antibody, ILIF4 antibody, Interferon gamma inducing factor antibody, Interferon gamma-inducing factor antibody, Interleukin 1 gamma antibody, Interleukin 18 (interferon-gamma-inducing factor) antibody, Interleukin 18 antibody, Interleukin-1 gamma antibody, Interleukin-18 antibody, Interleukin18 antibody, MGC12320 antibody

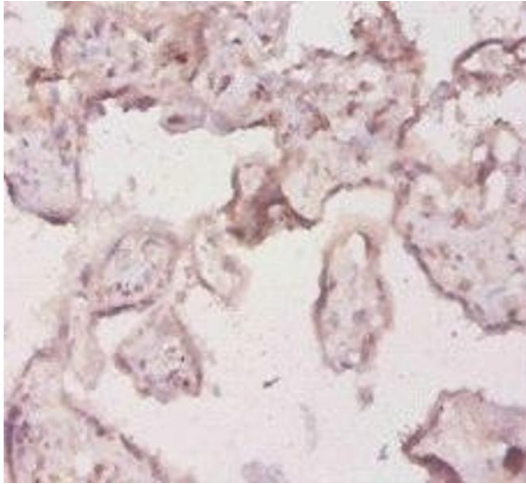
UniProt:	Q14116
Pathways:	Cellular Response to Molecule of Bacterial Origin , Activated T Cell Proliferation , Cancer Immune Checkpoints , Inflammasome

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7156821 at dilution of 1:20