

Rabbit IL18 Polyclonal Antibody | anti-IL18 antibody

IL18 Polyclonal Antibody

CATALOG # AAA22312	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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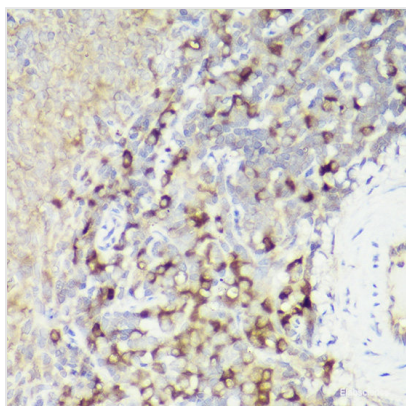
PRODUCT SYNONYMS

IL18; Polyclonal Antibody; IL18 Polyclonal Antibody; Ig; IL-; Igif; IL-18; anti-IL18 antibody

PRODUCT SPECIFICATIONS

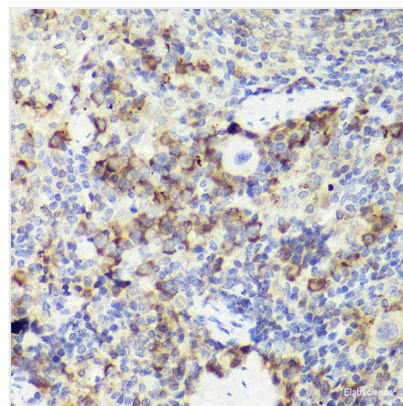
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-IL18 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200
Immunogen	Recombinant fusion protein of mouse IL18
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



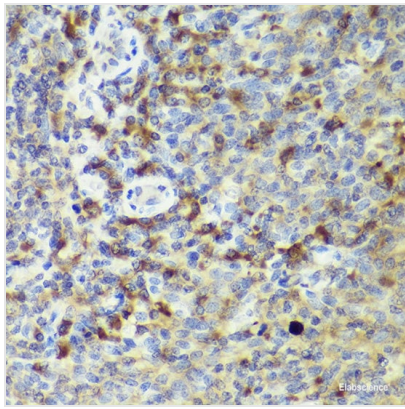
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat spleen using IL18 Polyclonal Antibody at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



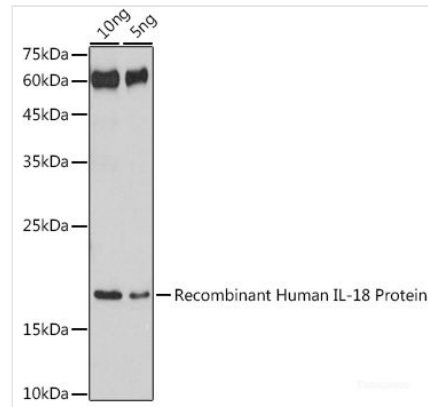
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse spleen using IL18 Polyclonal Antibody at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



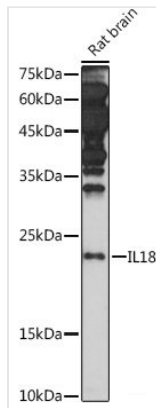
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil using IL18 Polyclonal Antibody at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



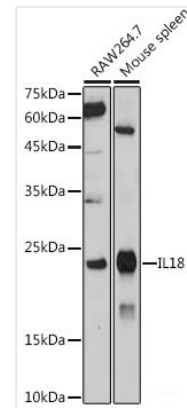
WB (Western Blot)

Western blot analysis of extracts of Recombinant Human IL-18 Protein using IL18 Polyclonal Antibody at 1:1000 dilution.



WB (Western Blot)

Western blot analysis of extracts of Rat brain using IL18 Polyclonal Antibody at 1:1000 dilution.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using IL18 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-IL18 antibody

Interleukin-18 (L-18) is cytokine that belongs to the IL-1 superfamily and is produced by macrophages and other cells. IL-18 works by binding to the interleukin-18 receptor, and together with IL-12 it induces cell-mediated immunity following infection with microbial products like lipopolysaccharide (LPS). After stimulation with IL-18, natural killer (NK) cells and certain T cells release another important cytokine called interferon-gamma (IFN-gamma) or type II interferon that plays an important role in activating the macrophages or other cells. The combination of this cytokine and IL12 has been shown to inhibit IL-4 dependent IgE and IgG1 production, and enhance IgG2a production in B cells. IL-18 binding protein (IL18BP) can specifically interact with this cytokine, and thus negatively regulate its biological activity.

Product Categories/Family for anti-IL18 antibody

[Antibodies](#); [Primary Antibodies](#); [Polyclonal Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680413
NCBI GeneID	16173
NCBI Accession #	NP_032386.1
NCBI GenBank Nucleotide #	NM_008360.1
UniProt Accession #	P70380
Molecular Weight	22,135 Da

NCBI Official Full Name	interleukin-18
NCBI Official Synonym Full Names	interleukin 18
NCBI Official Symbol	Il18
NCBI Official Synonym Symbols	Ig1f; IL-18
NCBI Protein Information	interleukin-18
UniProt Protein Name	Interleukin-18
UniProt Gene Name	IL18
UniProt Synonym Gene Names	Ig1f; IL-18; IFN-gamma-inducing factor; IL-1 gamma
UniProt Entry Name	IL18_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/il18-antibody-western-blot-immunohistochemistry-elisa/22312>