

IL18RAP Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP8797a

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	O95256
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB21412
Calculated MW	68310
Antigen Region	73-101

Additional Information

Gene ID	8807
Other Names	Interleukin-18 receptor accessory protein, IL-18 receptor accessory protein, IL-18RAcP, Accessory protein-like, AcPL, CD218 antigen-like family member B, CDw218b, IL-1R accessory protein-like, IL-1RAcPL, Interleukin-1 receptor 7, IL-1R-7, IL-1R7, Interleukin-18 receptor accessory protein-like, Interleukin-18 receptor beta, IL-18R-beta, IL-18Rbeta, CD218b, IL18RAP, IL1R7
Target/Specificity	This IL18RAP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 73-101 amino acids from the N-terminal region of human IL18RAP.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	IL18RAP Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	IL18RAP (HGNC:5989)
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Synonyms	IL1R7
Function	Within the IL18 receptor complex, does not mediate IL18- binding, but involved in IL18-dependent signal transduction, leading to NF-kappa-B and JNK activation (PubMed: 14528293 , PubMed: 25500532 , PubMed: 9792649). May play a role in IL18-mediated IFNG synthesis from T-helper 1 (Th1) cells (Probable).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Detected in adrenal gland, bone marrow, brain, fetal brain, fetal liver, heart, kidney, lung, liver, peripheral blood leukocytes, placenta, prostate, salivary gland, skeletal muscle, spinal cord, testis, thymus, thyroid, trachea and uterus (PubMed:17897836) Strongly expressed in peripheral blood leukocytes and spleen and, to a lesser extent, in colon (PubMed:9792649). Specifically coexpressed with IL18R1 in T-helper 1 (Th1)cells (PubMed:10653850, PubMed:10925275, PubMed:11046021).

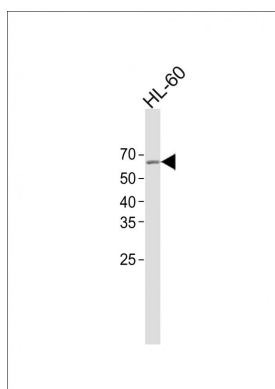
Background

IL18RAP is required for the high affinity binding of interleukin 18 (IL-18) to its receptor complex (By similarity). Together with IL18R1 mediates IL-18-dependent activation of NF-kappa-B and JNK.

References

Debets R., et.al., J. Immunol. 165:4950-4956(2000).

Images



All lanes: Anti-IL18RAP Antibody (N-term) at 1:500 dilution + HL-60 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 68 KDa Blocking/Dilution buffer: 5% NFDm/TBST.

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