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# IL18RAP Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8797a

## Product Information

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| **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

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| **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

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| **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). |

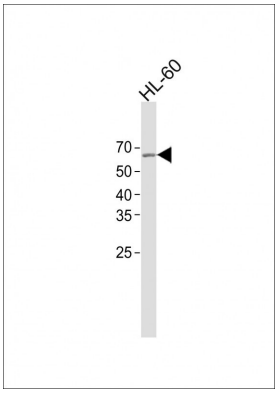
## Background

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'.