

IL18RAP Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP8797a**Specification**

IL18RAP Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O95256](#)**IL18RAP Antibody (N-term) Blocking Peptide - 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

The synthetic peptide sequence used to generate the antibody [AP8797a](/products/AP8797a) was selected from the N-term region of human IL18RAP. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

IL18RAP Antibody (N-term) Blocking Peptide - Protein Information**Name** IL18RAP ([HGNC:5989](#))**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:[9792649](http://www.uniprot.org/citations/9792649), PubMed:[14528293](http://www.uniprot.org/citations/14528293), PubMed:[25500532](http://www.uniprot.org/citations/25500532)). 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:10925275, PubMed:11046021, PubMed:10653850).

IL18RAP Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

IL18RAP Antibody (N-term) Blocking Peptide - Images**IL18RAP Antibody (N-term) Blocking Peptide - 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.

IL18RAP Antibody (N-term) Blocking Peptide - References

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