

IL18RAP Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8797a

Specification

IL18RAP Antibody (N-term) - Product Information

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

IL18RAP Antibody (N-term) - 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~~1:10~50
FC~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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.

IL18RAP Antibody (N-term) - 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](#), PubMed:[14528293](#), PubMed:[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

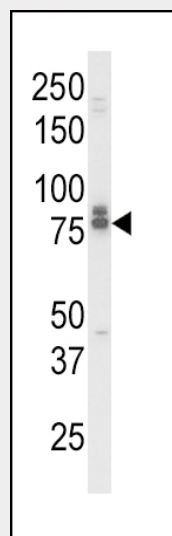
Detected in adrenal gland, bone marrow, brain, fetal brain, fetal liver, heart, kidney, lung, liver, peripheral blood leukocytes, placenta, prostate, salivary gland, skeletal muscle, spinal cord, testis, thymus, thyroid, trachea and uterus (PubMed:17897836) Strongly expressed in peripheral blood leukocytes 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) - Protocols

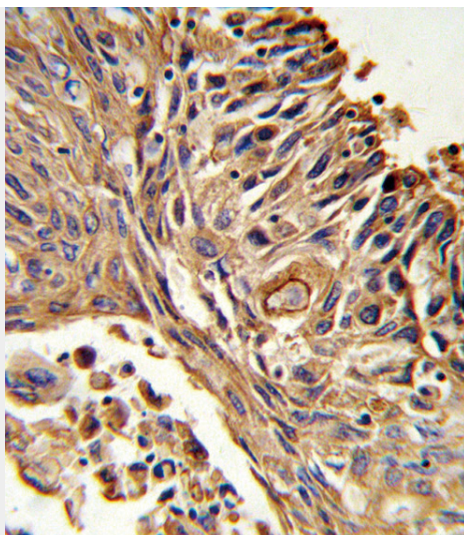
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

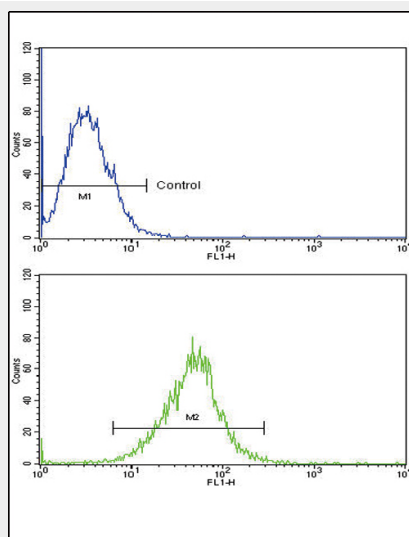
IL18RAP Antibody (N-term) - Images



Western blot analysis of IL18RAP Antibody (N-term) (Cat. #AP8797a) in K562 cell line lysates (35ug/lane). IL18RAP (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human lung carcinoma reacted with IL18RAP Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



IL18RAP Antibody (N-term)(Cat. #AP8797a) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

IL18RAP Antibody (N-term) - 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) - References

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