

Anti-CD218a Antibody
Rabbit polyclonal antibody to CD218a
Catalog # AP61395**Specification**

Anti-CD218a Antibody - Product Information

Application	WB
Primary Accession	Q13478
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62304

Anti-CD218a Antibody - Additional Information**Gene ID** 8809**Other Names**

IL1RRP; Interleukin-18 receptor 1; IL-18R-1; IL-18R1; CD218 antigen-like family member A; CDw218a; IL1 receptor-related protein; IL-1Rrp; IL1R-rp; CD218a

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD218a. The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-CD218a Antibody - Protein Information**Name** IL18R1 ([HGNC:5988](#))**Synonyms** IL1RRP**Function**

Within the IL18 receptor complex, responsible for the binding of the pro-inflammatory cytokine IL18, but not IL1A nor IL1B (PubMed: [14528293](http://www.uniprot.org/citations/14528293), PubMed: [25261253](http://www.uniprot.org/citations/25261253), PubMed: [25500532](http://www.uniprot.org/citations/25500532), PubMed: [37993714](http://www.uniprot.org/citations/37993714), PubMed: [8626725](http://www.uniprot.org/citations/8626725))

target="_blank">8626725). Involved in IL18-mediated IFNG synthesis from T-helper 1 (Th1) cells (PubMed:10653850). Contributes to IL18-induced cytokine production, either independently of SLC12A3, or as a complex with SLC12A3 (By similarity).

Cellular Location

Membrane; Single- pass type I membrane protein

Tissue Location

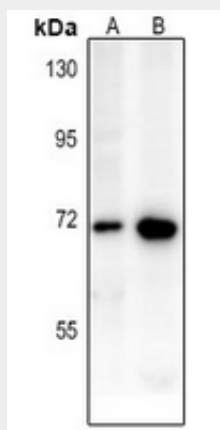
Highly expressed in leukocytes, spleen, lung. Also expressed, but at lower levels, in liver, small intestine, colon, prostate, thymus, placenta, and heart. Specifically coexpressed with IL18R1 in Th1 cells (PubMed:10653850, PubMed:10925275, PubMed:11046021).

Anti-CD218a Antibody - 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](#)

Anti-CD218a Antibody - Images



Western blot analysis of CD218a expression in A549 (A), LOVO (B) whole cell lysates.

Anti-CD218a Antibody - Background

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