

IL-18R Polyclonal Antibody
Catalog # AP73655**Specification**

IL-18R Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q13478
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

IL-18R Polyclonal Antibody - Additional Information**Gene ID** 8809**Other Names**

IL18R1; 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

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

IL-18R Polyclonal 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) target="_blank">14528293, PubMed: [25261253](http://www.uniprot.org/citations/25261253) target="_blank">25261253, PubMed: [25500532](http://www.uniprot.org/citations/25500532) target="_blank">25500532, PubMed: [37993714](http://www.uniprot.org/citations/37993714) target="_blank">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](http://www.uniprot.org/citations/10653850) target="_blank">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

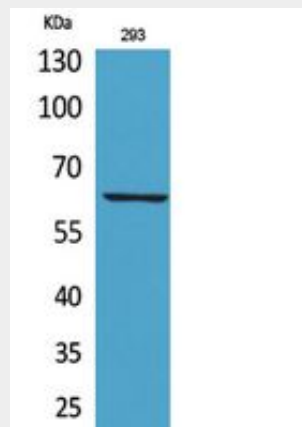
Tissue Location

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).

IL-18R Polyclonal 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](#)

IL-18R Polyclonal Antibody - Images

Western Blot analysis of 293 cells using IL-18R Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

IL-18R Polyclonal Antibody - Background

Within the IL18 receptor complex, responsible for the binding of the proinflammatory cytokine IL18, but not IL1A nor IL1B (PubMed:8626725, PubMed:14528293, PubMed:25261253, PubMed:25500532). 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).