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IL-18R Polyclonal Antibody

Catalog # AP73655

Product Information

Application	WB, E
Primary Accession	Q13478
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62304

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. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

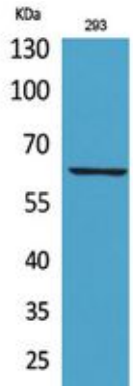
Protein Information

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, PubMed:25261253, PubMed:25500532, PubMed:37993714, PubMed: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).

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).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.