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Anti-CD218a Antibody

Catalog # AP61395

Product Information

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

Additional Information

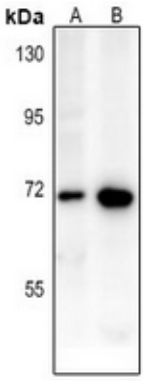
Gene ID	8809
Other Names	IL1RRP; Interleukin-18 receptor 1; IL-18R-1; IL-18R1; CD218 antigen-like family member A; CDw218a; IL1 receptor-related protein; IL-1Rrp; IL1R-rp; CD218a
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD218a. The 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 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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).

Images



Western blot analysis of CD218a expression in A549 (A), LOVO (B) whole cell lysates. (Predicted band size: 62 kD; Observed band size: 70 kD)

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