Interleukin 18 Receptor 1 (IL18R1) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Interleukin 18 Receptor 1 (IL18R1), Polyclonal Antibody
Full Product Name	Cy3-Linked Polyclonal Antibody to Interleukin 18 Receptor 1 (IL18R1)
Product Gene Name	anti-IL18R1 antibody
Product Synonym Names	CDw218a; CD218a; IL18-R1; IL-1Rrp; IL1RRP; CD218 antigen-like family member A; IL1 receptor-related protein
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Rat, Pig
Concentration	>=100ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: IL18R1 (MBS2005205) Cy3 Conjugated Antibody: IL18R1 (MBS2057504)
Matching Pairs	Cy3 Conjugated Antibody: IL18R1 (MBS2057504) Immunogen: IL18R1 (MBS2011275)
Molecular Weight	62,304 Da
OMIM	U43672 mRNA
3D Structure	ModBase 3D Structure for Q13478
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	IL18R1 (Thr147~Asn255)
Conjugation	Cy3
Cross Reactivity	Human
Unconjugated Antibody	The unconjugated antibody version of this item is also available as catalog #MBS2005205
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-IL18R1 antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA)
Related Product Information for anti-IL18R1 antibody	MBS2057504 is an antibody targeting IL18R1. Also known as Cy3-Linked Polyclonal Antibody to Interleukin 18 Receptor 1 (IL18R1). Reactive in Human, Rat, Pig. Host: Rabbit.
Other Notes	Small volumes of anti-IL18R1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL18R1. It may not necessarily be applicable to this product.

NCBI GI #	4504655
NCBI GeneID	8809
NCBI Accession #	NP_003846.1

UniProt Primary Accession #	Q13478
UniProt Secondary Accession #	Q52LC9; B2R9Y5
UniProt Related Accession #	Q13478
GenBank Nucleotide #	NM_003855.3
NCBI Official Full Name	interleukin-18 receptor 1 isoform 1
NCBI Official Synonym Full Names	interleukin 18 receptor 1
NCBI Official Symbol	IL18R1
NCBI Official Synonym Symbols	CD218a; IL18RA; IL1RRP; CDw218a; IL-1Rrp
UniProt Protein Name	Interleukin-18 receptor 1
UniProt Synonym Protein Names	CD218 antigen-like family member A; CDw218a; IL1 receptor-related protein; IL-1Rrp; IL1R-rp; CD_antigen: CD218a
Protein Family	Interleukin-18 receptor
UniProt Gene Name	IL18R1
UniProt Synonym Gene Names	IL1RRP; IL-18R-1; IL-18R1; IL-1Rrp; IL1R-rp
NCBI Protein Information	interleukin-18 receptor 1
NCBI Summary for IL18R1	The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This receptor specifically binds interleukin 18 (IL18), and is essential for IL18 mediated signal transduction. IFN-alpha and IL12 are reported to induce the expression of this receptor in NK and T cells. This gene along with four other members of the interleukin 1 receptor family, including IL1R2, IL1R1, ILRL2 (IL-1Rrp2), and IL1RL1 (T1/ST2), form a gene cluster on chromosome 2q. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2013]
UniProt Comments for IL18R1	IL18R1: Receptor for interleukin 18 (IL-18). Binding to the agonist leads to the activation of NF-kappa-B. Belongs to the interleukin-1 receptor family. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 2q12.1 Cellular Component: plasma membrane Molecular Function: protein binding; receptor activity Biological Process: immune response; signal transduction
Research Articles on IL18R1	**1.** IL18R1 rs1035130 may be associated with schizophrenia.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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