IL18BP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IL18BP, Polyclonal Antibody
Full Product Name	IL18BP Polyclonal Antibody
Product Gene Name	anti-IL18BP antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	12kDa; 17kDa; 21kDa
OMIM	604113
3D Structure	ModBase 3D Structure for O95998
Immunogen	Recombinant protein of human IL18BP (NP_001138529.1).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-IL18BP antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Application Notes for anti-IL18BP antibody	WB: 1:500-1:2000 IHC: 1:50-1:100 IF: 1:50-1:100
Related Product Information for anti-IL18BP antibody	The protein encoded by this gene functions as an inhibitor of the proinflammatory cytokine, IL18. It binds IL18, prevents the binding of IL18 to its receptor, and thus inhibits IL18-induced IFN-gamma production, resulting in reduced T-helper type 1 immune responses. This protein is constitutively expressed and secreted in mononuclear cells. Elevated level of this protein is detected in the intestinal tissues of patients with Crohn's disease. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Other Notes	Small volumes of anti-IL18BP 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.
Searchable Terms for IL18BP purchase	MBS8572925 is an antibody targeting IL18BP. Also known as IL18BP Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL18BP. It may not necessarily be applicable to this product.

NCBI GI #	89111125
NCBI GeneID	10068
NCBI Accession #	NP_001034748.1

UniProt Primary Accession #	O95998
UniProt Related Accession #	O95998
GenBank Nucleotide #	NP_001034748.1
NCBI Official Full Name	interleukin-18-binding protein isoform a
NCBI Official Synonym Full Names	interleukin 18 binding protein
NCBI Official Symbol	IL18BP
NCBI Official Synonym Symbols	FVH; IL18BPa
UniProt Protein Name	Interleukin-18-binding protein
UniProt Synonym Protein Names	Tadekinig-alfa
Protein Family	Interleukin-18-binding protein
UniProt Gene Name	IL18BP
UniProt Synonym Gene Names	IL-18BP
UniProt Entry Name	I18BP_HUMAN
NCBI Protein Information	interleukin-18-binding protein
UniProt Comments for IL18BP	IL18BP: Isoform A binds to IL-18 and inhibits its activity. Functions as an inhibitor of the early TH1 cytokine response. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 11q13 Cellular Component: extracellular space; extracellular region Molecular Function: receptor antagonist activity; interleukin-18 binding Biological Process: T-helper 1 type immune response; response to lipopolysaccharide
Research Articles on IL18BP	**1.** asthma is very likely to be determined by balance of IL-18/IL-18BP/IL-18R expression in inflammatory cells.
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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