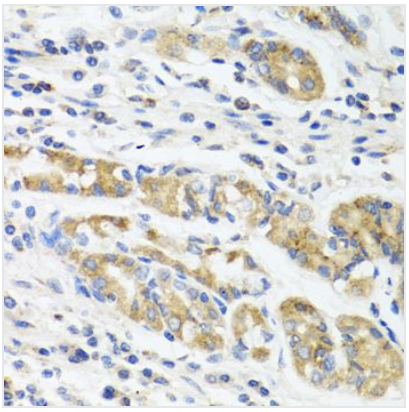
IL11 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IL11, Polyclonal Antibody
Full Product Name	IL11 Polyclonal Antibody
Product Gene Name	anti-IL11 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Molecular Weight	21kDa
OMIM	147681
3D Structure	ModBase 3D Structure for P20809
Immunogen	Recombinant protein of human IL11
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-IL11 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-IL11 antibody	WB 1:500 - 1:2000 IHC 1:50 - 1:200
Related Product Information for anti-IL11 antibody	The protein encoded by this gene is a member of the gp130 family of cytokines. These cytokines drive the assembly of multisubunit receptor complexes, all of which contain at least one molecule of the transmembrane signaling receptor IL6ST (gp130). This cytokine is shown to stimulate the T-cell-dependent development of immunoglobulin-producing B cells. It is also found to support the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Other Notes	Small volumes of anti-IL11 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 IL11 purchase	MBS9128570 is an antibody targeting IL11. Also known as IL11 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Immunohistochemistry (IHC) of anti-IL11 antibody
Immunohistochemistry of paraffin-embedded human stomach using IL11 antibody at dilution of 1:100 (40x lens).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL11. It may not necessarily be applicable to this product.

NCBI GI #	10834994
NCBI GeneID	3589
NCBI Accession #	NP_000632.1
UniProt Primary Accession #	P20809
UniProt Secondary Accession #	Q96EB4; B4DQV5
UniProt Related Accession #	P20809
GenBank Nucleotide #	NM_000641.3
NCBI Official Full Name	interleukin-11 isoform 1
NCBI Official Synonym Full Names	interleukin 11
NCBI Official Symbol	IL11
NCBI Official Synonym Symbols	AGIF; IL-11
UniProt Protein Name	Interleukin-11
UniProt Synonym Protein Names	Adipogenesis inhibitory factor
Protein Family	Interleukin
UniProt Gene Name	IL11
UniProt Synonym Gene Names	AGIF
UniProt Entry Name	IL11_HUMAN
NCBI Protein Information	interleukin-11

UniProt Comments for IL11	IL11: Directly stimulates the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells and induces megakaryocyte maturation resulting in increased platelet production. Belongs to the IL-6 superfamily. Protein type: Cell cycle regulation; Cytokine; Motility/polarity/chemotaxis; Secreted, signal peptide Chromosomal Location of Human Ortholog: 19q13.3-q13.4 Cellular Component: extracellular space; cytoplasm; extracellular region Molecular Function: growth factor activity; cytokine activity; interleukin-11 receptor binding Biological Process: fat cell differentiation; positive regulation of peptidyl-tyrosine phosphorylation; positive regulation of MAPKKK cascade; cell-cell signaling; megakaryocyte differentiation; negative regulation of hormone secretion; B cell differentiation; positive regulation of cell proliferation; positive regulation of transcription from RNA polymerase II promoter; positive regulation of peptidyl-serine phosphorylation
Research Articles on IL11	**1.** High expression of interleukin-11 correlated with poor prognosis in clear-cell renal cell carcinoma patients.
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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