IL31 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IL31, Polyclonal Antibody
Full Product Name	IL31 Rabbit pAb
Product Gene Name	anti-IL31 antibody
Product Synonym Names	IL-31
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	18kDa
OMIM	609509
3D Structure	ModBase 3D Structure for Q6EBC2
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 24-164 of human IL31 (NP_001014358.1).
Cellular Localization	Secreted
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-IL31 antibody	Western Blot (WB)
Application Notes for anti-IL31 antibody	WB: 1:500-1:2000
Related Product Information for anti-IL31 antibody	Activates STAT3 and possibly STAT1 and STAT5 through the IL31 heterodimeric receptor composed of IL31RA and OSMR (PubMed:15184896). May function in skin immunity (PubMed:15184896). Enhances myeloid progenitor cell survival in vitro. Induces RETNLA and serum amyloid A protein expression in macrophages.
Other Notes	Small volumes of anti-IL31 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 IL31 purchase	MBS8549710 is an antibody targeting IL31. Also known as IL31 Rabbit pAb. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL31. It may not necessarily be applicable to this product.

NCBI GI #	62122911
NCBI GeneID	386653
NCBI Accession #	NP_001014358.1

UniProt Primary Accession #	Q6EBC2
UniProt Related Accession #	Q6EBC2
GenBank Nucleotide #	NP_001014358.1
NCBI Official Full Name	interleukin-31
NCBI Official Synonym Full Names	interleukin 31
NCBI Official Symbol	IL31
NCBI Official Synonym Symbols	IL-31
UniProt Protein Name	Interleukin-31
Protein Family	Interleukin
UniProt Gene Name	IL31
UniProt Synonym Gene Names	IL-31
UniProt Entry Name	IL31_HUMAN
NCBI Protein Information	interleukin-31
NCBI Summary for IL31	IL31, which is made principally by activated Th2-type T cells, interacts with a heterodimeric receptor consisting of IL31RA (MIM 609510) and OSMR (MIM 601743) that is constitutively expressed on epithelial cells and keratinocytes. IL31 may be involved in the promotion of allergic skin disorders and in regulating other allergic diseases, such as asthma (Dillon et al., 2004 [PubMed 15184896]).[supplied by OMIM, Mar 2008]
UniProt Comments for IL31	IL31: Activates STAT3 and possibly STAT1 and STAT5 through the IL31 heterodimeric receptor composed of IL31RA and OSMR. IL31 may function in skin immunity. Protein type: Secreted; Cytokine; Secreted, signal peptide Chromosomal Location of Human Ortholog: 12q24.31 Cellular Component: extracellular space Molecular Function: cytokine activity Biological Process: immune system process
Research Articles on IL31	**1.** IL-31 enhances BNP release.
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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