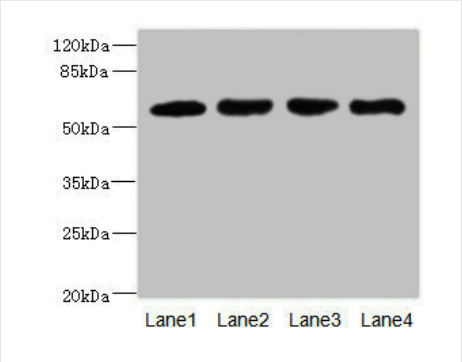
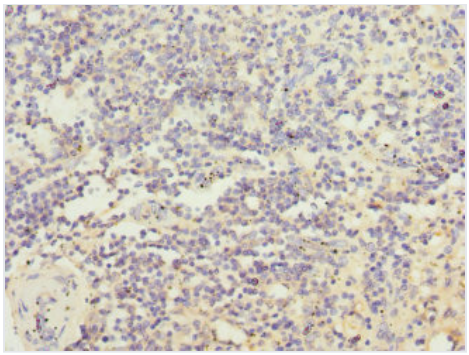
IL21R Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

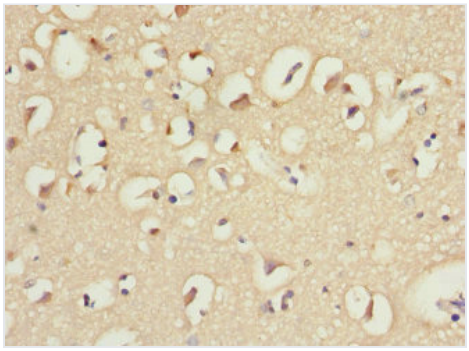
Product Name	IL21R, Polyclonal Antibody
Full Product Name	IL21R Antibody
Product Gene Name	anti-IL21R antibody
Product Synonym Names	Interleukin-21 receptor; IL-21 receptor; IL-21R; Novel interleukin receptor; CD360; IL21R; NILR; UNQ3121/PRO10273
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	Antigen Affinity Purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	59,130 Da
OMIM	605383
3D Structure	ModBase 3D Structure for Q9HBE5
Species	Human
Immunogen	Recombinant human Interleukin-21 receptor protein (20-240AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-23074 / sc-23074 / sc-32902 / sc-32902
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-IL21R antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Related Product Information for anti-IL21R antibody	MBS7044820 is an antibody targeting IL21R. Also known as IL21R Antibody. Reactive in Human. Host: Rabbit. This is a receptor for interleukin-21.
Other Notes	Small volumes of anti-IL21R 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.



Western Blot (WB) of anti-IL21R antibody
Western blotAll lanes: IL21R antibody at 2.18ug/mlLane 1: A549 whole cell lysateLane 2: Raji whole cell lysateLane 3: Colo320 whole cell lysateLane 4: K562 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 59 kDaObserved band size: 59 kDa



Immunohistochemistry (IHC) of anti-IL21R antibody
Immunohistochemistry of paraffin-embedded human spleen tissue using MBS7044820 at dilution 1:100



Immunohistochemistry (IHC) of anti-IL21R antibody
Immunohistochemistry of paraffin-embedded human brain tissue using MBS7044820 at dilution 1:100

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL21R. It may not necessarily be applicable to this product.

NCBI GI #	11141869
NCBI GeneID	50615
NCBI Accession #	NP_068570.1
UniProt Primary Accession #	Q9HBE5
UniProt Secondary Accession #	Q96HZ1; Q9HB91; A8K9E8; D3DWF7
UniProt Related Accession #	Q9HBE5
GenBank Nucleotide #	NM_021798.3
NCBI Official Full Name	interleukin-21 receptor isoform 1
NCBI Official Synonym Full Names	interleukin 21 receptor
NCBI Official Symbol	IL21R
NCBI Official Synonym Symbols	NILR; CD360
UniProt Protein Name	Interleukin-21 receptor
UniProt Synonym Protein Names	Novel interleukin receptor; CD_antigen: CD360
Protein Family	Interleukin-21 receptor
UniProt Gene Name	IL21R

UniProt Synonym Gene Names	NILR; IL-21 receptor; IL-21R
UniProt Entry Name	IL21R_HUMAN
NCBI Protein Information	interleukin-21 receptor
NCBI Summary for IL21R	The protein encoded by this gene is a cytokine receptor for interleukin 21 (IL21). It belongs to the type I cytokine receptors, and has been shown to form a heterodimeric receptor complex with the common gamma-chain, a receptor subunit also shared by the receptors for interleukin 2, 4, 7, 9, and 15. This receptor transduces the growth promoting signal of IL21, and is important for the proliferation and differentiation of T cells, B cells, and natural killer (NK) cells. The ligand binding of this receptor leads to the activation of multiple downstream signaling molecules, including JAK1, JAK3, STAT1, and STAT3. Knockout studies of a similar gene in mouse suggest a role for this gene in regulating immunoglobulin production. Three alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2010]
UniProt Comments for IL21R	IL21R: This is a receptor for interleukin-21 Protein type: Membrane protein, integral; Receptor, cytokine Chromosomal Location of Human Ortholog: 16p11 Disease: Ige Responsiveness, Atopic; Il21r Immunodeficiency
Research Articles on IL21R	**1.** expression of IL-21 and IL-21R were up-regulated in autoimmune thyroid disease and may be involved in the pathogenesis of the disease through augmenting aberrant immune cascade
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