

Rabbit IL-21 Polyclonal Antibody | anti-IL-21 antibody

IL-21 Receptor Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305480	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

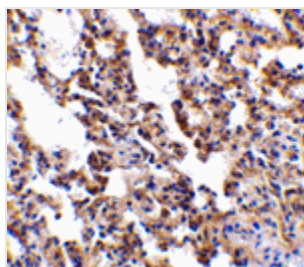
PRODUCT SYNONYMS

IL-21; Polyclonal Antibody; IL-21 Receptor Antibody; IL21R; anti-IL-21 antibody

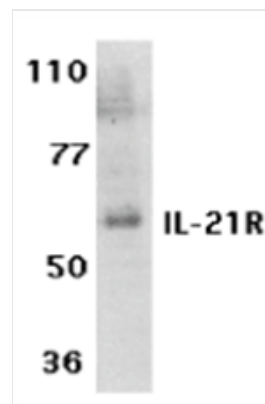
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	538
Applicable Applications for anti-IL-21 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a synthetic peptide corresponding to amino acids 97 to 111 of human IL-21 receptor precursor.
Target Name	IL-21 Receptor
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of IL-21 receptor in rat lung with IL-21 receptor antibody at 10 ug/mL.


WB (Western Blot)

Western blot analysis of IL-21 receptor expression in human Raji cell lysate with IL-21 Receptor antibody at 1 ug /ml.

ADDITIONAL INFORMATION

Related Product Information for anti-IL-21 antibody	A novel cytokine related to IL-2 and IL-15 was recently identified and designated IL-21. The receptor for IL-21 (IL-21R, also termed NILR for novel Interleukin receptor) is a new member of the class I cytokine receptor family. IL-21R forms a complex with the common cytokine receptor gamma chain, gammac, and mediates IL-21 signaling. Both IL-21R and the gammac are necessary for the IL-21 function. IL-21 and its receptor activate JAK-STAT signaling pathway. IL-21R is expressed in spleen, thymus, natural killer (NK), T and B cell lines. IL-21 plays a role in the proliferation and maturation of NK, B and T cell populations.
Product Categories/Family for anti-IL-21 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	11141869
NCBI GeneID	50615
NCBI Accession #	NP_068570
NCBI GenBank Nucleotide #	NM_021798.3
Molecular Weight	59,130 Da
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
NCBI Protein Information	interleukin-21 receptor
UniProt Protein Name	Interleukin-21 receptor
UniProt Gene Name	IL21R
UniProt Synonym Gene Names	NILR; IL-21 receptor; IL-21R
UniProt Entry Name	IL21R_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/il-21-antibody-immunohistochemistry-western-blot-elisa/305480>