

Rabbit anti-Human IL-21 Polyclonal Antibody | anti-IL21 antibody

IL-21 Antibody

CATALOG # AAA40180	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Western Blot, ELISA
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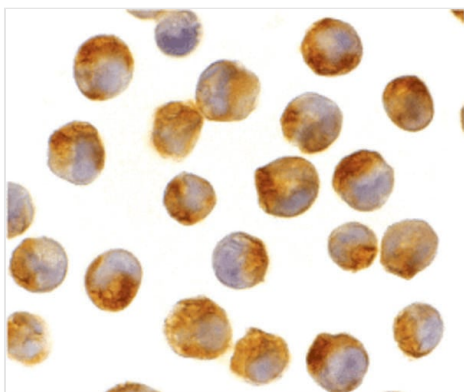
PRODUCT SYNONYMS

IL-21; Polyclonal Antibody; IL-21 Antibody; Za11; Interleukin-21; interleukin 21; anti-IL21 antibody

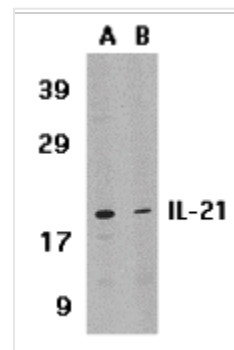
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	IL-21 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Sequence Length	162
Applicable Applications for anti-IL21 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IL-21 antibody was raised against a synthetic peptide corresponding to 15 amino acids near the center of human IL-21 precursor.
Buffer	IL-21 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	IL-21 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to 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


ICC (Immunocytochemistry)

Immunocytochemistry of IL-21 in K562 cells with IL-21 antibody at 2 &#956;g/mL.


WB (Western Blot)

Western blot analysis of IL-21 expression in HL-60 cell lysate in (A) the absence or (B) the presence of blocking peptide with IL-21 antibody at 1 &#956;g /mL.

ADDITIONAL INFORMATION

Related Product Information for anti-IL21 antibody	IL-21 Antibody: A novel cytokine was recently identified in human and mouse and designated IL-21, which has significant homology to IL-2, IL-4, and IL-15. 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. IL-21 and its receptor activate JAK-STAT signaling pathway. IL-21 is expressed in activated T cells, and HL-60 and THP-1 cell lines. IL-21 plays a role in the proliferation and maturation of NK, B and T cell populations.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11141875
NCBI GeneID	59067
NCBI Accession #	NP_068575
NCBI GenBank Nucleotide #	NM_021803.3
UniProt Accession #	Q9HBE4; A5J0L4
Molecular Weight	18 kDa
NCBI Official Full Name	interleukin-21 isoform 1
NCBI Official Synonym Full Names	interleukin 21
NCBI Official Symbol	IL21
NCBI Official Synonym Symbols	Za11; IL-21; CVID11
NCBI Protein Information	interleukin-21; interleukin-21 isoform
UniProt Protein Name	Interleukin-21
UniProt Gene Name	IL21
UniProt Synonym Gene Names	IL-21
UniProt Entry Name	IL21_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-immunocytochemistry-western-blot-elisa/40180>