

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

IL21 Antibody (C-term)

CATALOG # AAA286543	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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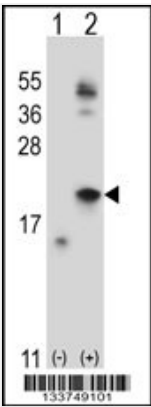
PRODUCT SYNONYMS

IL21; Polyclonal Antibody; IL21 Antibody (C-term); Interleukin-21; IL-21; Za11; anti-IL21 antibody

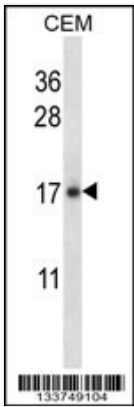
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IL21 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 104-132 amino acids from the C-terminal region of human IL21.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.35 (varies by lot)
Sequence Positions	104-132
Sequence Length	153
Applicable Applications for anti-IL21 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of IL21 (arrow) using rabbit polyclonal IL21 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the IL21 gene.



WB (Western Blot)
IL21 Antibody (C-term) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the IL21 antibody detected the IL21 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-IL21 antibody	Cytokine with immunoregulatory activity. May promote the transition between innate and adaptive immunity. Induces the production of IgG(1) and IgG(3) in B-cells (By similarity). May play a role in proliferation and maturation of natural killer (NK) cells in synergy with IL15. May regulate proliferation of mature B-and T-cells in response to activating stimuli. In synergy with IL15 and IL18 stimulates interferon gamma production in T-cells and NK cells. During T-cell mediated immune response may inhibit dendritic cells (DC) activation and maturation.
Product Categories/Family for anti-IL21 antibody	Cancer; Immunology
References	Petukhova, L., et al. Nature 466(7302):113-117(2010) Yue, F.Y., et al. J. Immunol. 185(1):498-506(2010) Pallone, F., et al. Expert Rev Clin Immunol 6(4):537-541(2010) Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010) Hollis-Moffatt, J.E., et al. Arthritis Res. Ther. 12 (3), R116 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	333033767
NCBI GeneID	59067
NCBI Accession #	NP_001193935.1; NP_068575.1
NCBI GenBank Nucleotide #	NM_001207006.2
UniProt Accession #	Q9HBE4; A5J0L4
Molecular Weight	17923
NCBI Official Full Name	interleukin-21 isoform 2
NCBI Official Synonym Full Names	interleukin 21
NCBI Official Symbol	IL21
NCBI Official Synonym Symbols	Za11; IL-21; CVID11
NCBI Protein Information	interleukin-21
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/il21-antibody-western-blot-elisa/286543>