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IL21 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14555

Product Information

Application	WB
Primary Accession	Q9HBE4
Other Accession	NM_001207006, NP_001193935
Reactivity	Human, Pig, Goat, Dog, Horse, Bovine, Sheep
Predicted	Human, Pig, Goat, Dog, Horse, Bovine, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18653

Additional Information

Gene ID	59067
Alias Symbol	IL-21, Za11
Other Names	Interleukin-21, IL-21, Za11, IL21
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-IL21 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	IL21 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	IL21 (HGNC:6005)
Function	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). Implicated in the generation and maintenance of T follicular helper (Tfh) cells and the formation of germinal-centers. Together with IL6, control the early generation of Tfh cells and are critical for an effective antibody response to acute viral infection (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 (PubMed:11081504, PubMed:15178704). During T-cell mediated immune response may inhibit dendritic cells (DC)

activation and maturation (By similarity).

Cellular Location Secreted.

Tissue Location Expressed in activated CD4-positive T-cells but not in CD8-positive T-cells, B-cells, or monocytes

Images



Host: Rabbit
Target Name: IL21
Sample Tissue: Fetal Liver lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.