

IL-21 Polyclonal Antibody
Catalog # AP70510**Specification**

IL-21 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9HBE4
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

IL-21 Polyclonal Antibody - Additional Information**Gene ID** 59067**Other Names**

IL21; Interleukin-21; IL-21; Za11

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

IL-21 Polyclonal Antibody - 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.

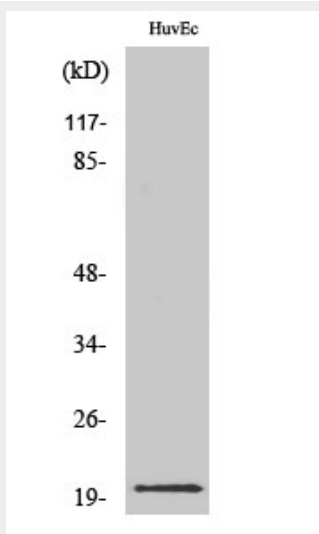
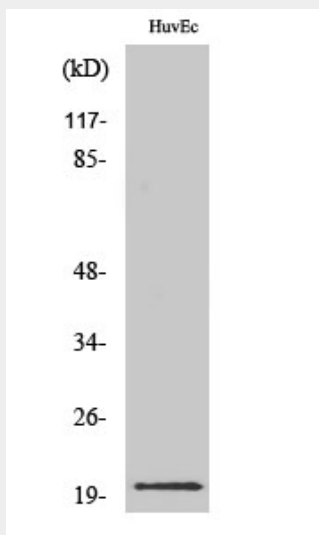
Tissue Location

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

IL-21 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL-21 Polyclonal Antibody - Images

IL-21 Polyclonal Antibody - Background

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