

IL21 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14555**Specification**

IL21 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9HBE4
Other Accession	NM_001207006 , NP_001193935
Reactivity	Human, Pig, Goat, Sheep, Horse, Bovine, Dog
Predicted	Human, Pig, Goat, Sheep, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16kDa KDa

IL21 Antibody - C-terminal region - 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.

IL21 Antibody - C-terminal region - 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

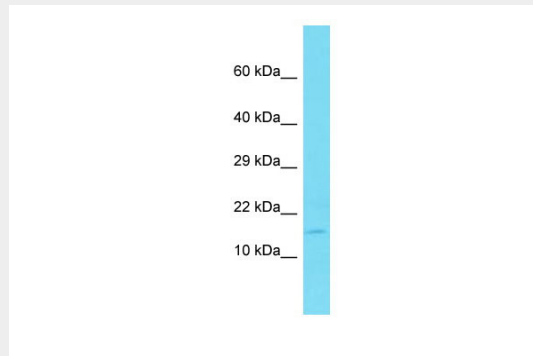
Expressed in activated CD4-positive T-cells but not in CD8-positive T-cells, B-cells, or monocytes

IL21 Antibody - C-terminal region - 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](#)

IL21 Antibody - C-terminal region - Images



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