

Polyclonal Antibody to Interleukin 21 (IL21)

Interleukin 21

Catalog # AP74606

Product Information

Application	WB
Primary Accession	A3QPB9
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17065

Additional Information

Gene ID	365769
Other Names	Za11
Target/Specificity	Rattus norvegicus (Rat)
Dilution	WB~~Western blotting: 0.5-2 μ g/mL;1:230-900 Immunohistochemistry: 5-20 μ g/mL;1:23-90 Immunocytochemistry: 5-20 μ g/mL;1:23-90 Optimal working dilutions must be determined by end user.
Format	0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	Il21
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. 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 (By similarity). During T-cell mediated immune response may inhibit dendritic cells (DC) activation and maturation (By similarity).
Cellular Location	Secreted {ECO:0000250 UniProtKB:Q9HBE4}.

Images

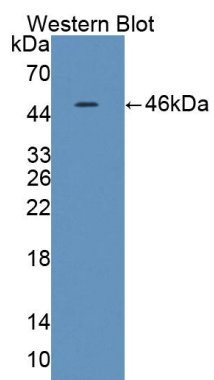


Figure. Western Blot; Sample: Recombinant IL21, Rat.

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