

## IL-21 Polyclonal Antibody

<b>CATALOG #:</b>	5182-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>HOST:</b>	Rabbit
<b>IMMUNOGEN:</b>	<i>E. coli</i> expressed human IL-21 (Cat.# 4182-10; Internal antibody ID# BV-C69)

### FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

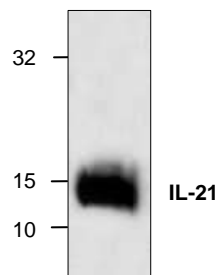
**STORAGE CONDITIONS:** Store at -20°C. For long term storage, store at -70°C.

### DESCRIPTION:

IL-21 is a homodimeric, non-glycosylated polypeptide containing 133 amino acid residues and has a molecular weight of 15.5 kDa. IL-21 is a cytokine produced by activated T-cells and can elicit the proliferation of T and B cells and natural killer cells (NK). From recent research, IL-21 has the potential to serve as a target for immunotherapy treatment for treating diseases.

### APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Recombinant human IL-21 (Cat.# 4182-10) can be used as a positive control.



**Cat.#: 5182-100**  
Western blot analysis of IL-21 using recombinant human IL-21 (Cat.# 4182-10).

**FOR RESEARCH USE ONLY! Not to be used on humans.**

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