

**IL-21R Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10996****Specification**

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**IL-21R Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q9HBE5</a>
Other Accession	<a href="#">NP_068570</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	59130

**IL-21R Antibody - Additional Information****Gene ID** 50615**Application & Usage**

**Western blot analysis (1 µg/ml). However, the optimal conditions should be determined individually. Human A431 cell lysates can be used as a positive control and an approximately 60 kDa band should be detected.**

**Other Names**

IL-21, IL21R, IL 21R, Interleukin-21R, Interleukin 21R, interleukin21R

**Target/Specificity**

IL-21R

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µg (0.5 mg/ml) affinity-purified rabbit anti-human IL-21R polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% sodium azide.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions**

**Precautions**

IL-21R Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**IL-21R Antibody - Protein Information**

**Name** IL21R

**Synonyms** NILR

**Function**

This is a receptor for interleukin-21.

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**Tissue Location**

Selectively expressed in lymphoid tissues. Most highly expressed in thymus and spleen

**IL-21R 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-21R Antibody - Images****IL-21R Antibody - Background**

IL-21 is a novel cytokine that was recently identified in human and mouse. It has significant homology to IL-2, IL-4, and IL-15. The receptor for IL-21 (IL-21R, also termed NILR for novel interleukin receptor) is a new member of the class I cytokine receptor family. IL-21R forms a complex with the common cytokine receptor  $\gamma$  chain and mediates IL-21 signaling. IL-21 and its receptor activates JAK-STAT signaling pathway. IL-21 is expressed in activated T cells, HL-60, and THP-1 cell lines. IL-21 plays an important role in the proliferation and maturation of NK, B and T cell populations.