

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

IL-21R Antibody - Product Information

Application	WB
Primary Accession	Q9HBE5
Other Accession	NP_068570
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 γ 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.