

Datasheet for ABIN7433942  
**anti-IL-21 antibody (AA 1-146)**[Go to Product page](#)

## 1 Image

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | IL-21 (IL21)   |
| Binding Specificity: | AA 1-146   |
| Reactivity:          | Rat  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This IL-21 antibody is un-conjugated   |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

## Product Details

|                   |  |
|-------------------|--|
| Purpose:          | Polyclonal Antibody to Interleukin 21 (IL21)   |
| Immunogen:        | Recombinant Interleukin 21 (IL21) corresponding to Met1~Ser146 with N-terminal His Tag   |
| Isotype:          | IgG  |
| Specificity:      | The antibody is a rabbit polyclonal antibody raised against IL21. It has been selected for its ability to recognize IL21 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Human, Mouse   |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography   |

## Target Details

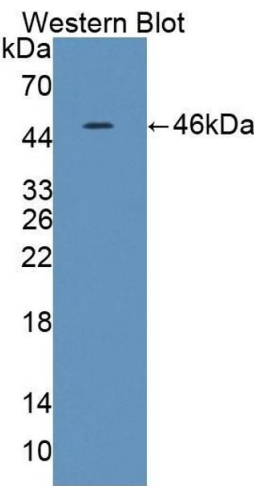
|                   |   |
|-------------------|---|
| Target:           | IL-21 (IL21)  |
| Alternative Name: | Interleukin 21 ( <a href="#">IL21 Products</a> )  |
| Background:       | Za11  |
| Pathways:         | <a href="#">JAK-STAT Signaling</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL<br>1:230-900 Immunohistochemistry: 5-20 µg/mL<br>1:23-90 Immunocytochemistry: 5-20 µg/mL<br>1:23-90 Optimal working dilutions must be determined by end user.   |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only   |

## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Buffer:            | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.  |
| Preservative:      | ProClin   |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.   |
| Storage:           | 4 °C,-20 °C   |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date:       | 24 months   |



Western Blotting

**Image 1.** Detection of Recombinant IL21, Rat using Polyclonal Antibody to Interleukin 21 (IL21)