

Datasheet for ABIN657761  
**anti-IL-21 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	IL-21 (IL21)
Binding Specificity:	AA 104-132, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-21 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This IL21 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 104-132 amino acids from the C-terminal region of human IL21.
Clone:	RB33749
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	IL-21 (IL21)
Alternative Name:	IL21 ( <a href="#">IL21 Products</a> )
Background:	Cytokine with immunoregulatory activity. May promote the transition between innate and

## Target Details

adaptive immunity. Induces the production of IgG(1) and IgG(3) in B-cells (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. During T-cell mediated immune response may inhibit dendritic cells (DC) activation and maturation.

Molecular Weight: 18653

Gene ID: 59067

NCBI Accession: [NP\\_001193935](#), [NP\\_068575](#)

UniProt: [Q9HBE4](#)

Pathways: [JAK-STAT Signaling](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#)

## Application Details

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

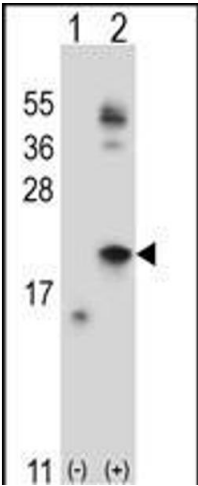
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

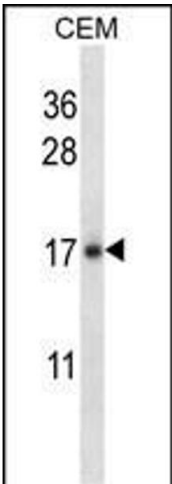
Storage Comment: IL21 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



#### Western Blotting

**Image 1.** Western blot analysis of IL21 (arrow) using rabbit polyclonal IL21 Antibody (C-term) (ABIN657761 and ABIN2846740). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the IL21 gene.



#### Western Blotting

**Image 2.** IL21 Antibody (C-term) (ABIN657761 and ABIN2846740) western blot analysis in CEM cell line lysates (35 µg/lane). This demonstrates the IL21 antibody detected the IL21 protein (arrow).