



## Datasheet for ABIN1539309 anti-IL28B antibody (N-Term)



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### Overview

Quantity:	400 µL
Target:	IL28B
Binding Specificity:	AA 34-63, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This IL28B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 34-63 amino acids from the N-terminal region of human IL28B.
Clone:	RB36625
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	IL28B
Alternative Name:	IL28B ( <a href="#">IL28B Products</a> )
Background:	This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28A (IL28A), and interleukin 29 (IL29) are three closely related cytokine genes that form a cytokine gene cluster on a chromosomal region mapped to 19q13. Expression of

## Target Details

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the cytokines encoded by the three genes can be induced by viral infection. All three cytokines have been shown to interact with a heterodimeric class II cytokine receptor that consists of interleukin 10 receptor, beta (IL10RB) and interleukin 28 receptor, alpha (IL28RA).

Molecular Weight: 21706

Gene ID: 282617

NCBI Accession: [NP\\_742151](#)

UniProt: [Q8IZI9](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

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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

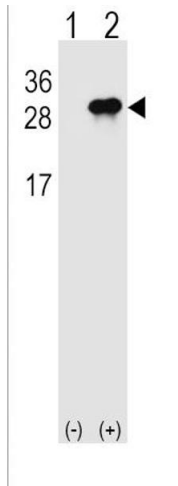
Storage Comment: IL28B Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months

## Publications

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Product cited in: Ferraris, Chandra, Panigrahi, Aboulnasr, Chava, Kurt, Pawlotsky, Wilkens, Osterlund, Hartmann, Balart, Wu, Dash: "Cellular Mechanism for Impaired Hepatitis C Virus Clearance by Interferon Associated with IFNL3 Gene Polymorphisms Relates to Intrahepatic Interferon-λ Expression." in: **The American journal of pathology**, Vol. 186, Issue 4, pp. 938-51, (2016) ([PubMed](#)).



#### Western Blotting

**Image 1.** Western blot analysis of IL28B (arrow) using rabbit polyclonal IL28B Antibody (N-term) (ABIN1539309 and ABIN2848533). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the IL28B gene.



#### Western Blotting

**Image 2.** IL28B Antibody (N-term) (ABIN1539309 and ABIN2848533) western blot analysis in SK-BR-3 cell line lysates (35 µg/lane). This demonstrates the IL28B antibody detected the IL28B protein (arrow).