

Datasheet for ABIN6991905
anti-IL28B antibody (AA 120-170)



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	IL28B
Binding Specificity:	AA 120-170
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL28B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	IL-28B antibody was raised against a 17 amino acid peptide near the center of human IL-28B. The immunogen is located within amino acids 120 - 170 of IL-28B .
Isotype:	IgG
Specificity:	IL-28B antibody is human specific. IL-28B antibody may cross-react with IL-28A and IL-29.
Purification:	IL-28B Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	IL28B
Alternative Name:	IL-28B (IL28B Products)
Background:	Interleukin 28 (IL-28B), also known as interferon lambda 3, is cytokine distantly related to type I

Target Details

interferons and the IL-10 family (1). The IL-28B gene and the closely related cytokine genes IL-28A and IL-29 form a cytokine gene cluster on a chromosomal region mapped to 19q13. Expression of the cytokines encoded by the three genes can be induced by viral infection and can induce anti-viral activity (2,3). 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) (1).

Molecular Weight: Predicted: 20 kDa
Observed: 16kDa

Gene ID: 282617

NCBI Accession: [NP_742151](#)

UniProt: [Q8IZI9](#)

Application Details

Application Notes: IL-28B antibody can be used for detection of IL-28B by Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: IL-28B Antibody is supplied in PBS containing 0.02 % 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: -20 °C,4 °C

Storage Comment: IL-28B antibody can be stored at 4°C for three months and -20°C, stable for up to one year.