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Datasheet for ABIN1389492

**anti-IL28RA antibody (AA 51-150) (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	IL28RA
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL28RA antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IL-28R
Isotype:	IgG
Specificity:	Predicted to also work in Rat based on sequence similarity
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	IL28RA
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## Target Details

Alternative Name: IL-28R ([IL28RA Products](#))

Background: Synonyms: IFNLR, LICR2, IL28RA, CRF2/12, IL-28R1, Interferon lambda receptor 1, IFN-lambda receptor 1, IFN-lambda-R1, Cytokine receptor class-II member 12, Cytokine receptor family 2 member 12, CRF2-12, Interleukin-28 receptor subunit alpha, IL-28 receptor subunit alpha, IL-28R-alpha, IL-28RA, Likely interleukin or cytokine receptor 2, IFNLR1

Background: The IFNLR1/IL10RB dimer is a receptor for the cytokine ligands IFNL2 and IFNL3 and mediates their antiviral activity. The ligand/receptor complex stimulate the activation of the JAK/STAT signaling pathway leading to the expression of IFN-stimulated genes (ISG), which contribute to the antiviral state. Determines the cell type specificity of the lambda interferon action. Shows a more restricted pattern of expression in the epithelial tissues thereby limiting responses to lambda interferons primarily to epithelial cells of the respiratory, gastrointestinal, and reproductive tracts. Seems not to be essential for early virus-activated host defense in vaginal infection, but plays an important role in Toll-like receptor (TLR)-induced antiviral defense. Plays a significant role in the antiviral immune defense in the intestinal epithelium.

Gene ID: 163702

UniProt: [Q8IU57](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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: -20 °C

## Handling

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Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
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Expiry Date:	12 months
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