

IL28B antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15004

Specification

IL28B antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q8IZI9
Other Accession	NM_172139 , NP_742151
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Dog
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22kDa KDa

IL28B antibody - C-terminal region - Additional Information

Gene ID 282617

Alias Symbol **IFNL3, IL-28B,
IL28C, IL28B**

Other Names

Interferon lambda-3, IFN-lambda-3,
Cytokine Zcyto22, Interleukin-28B, IL-28B,
Interleukin-28C, IL-28C, IFNL3, IL28B, IL28C,
ZCYTO22

Target/Specificity

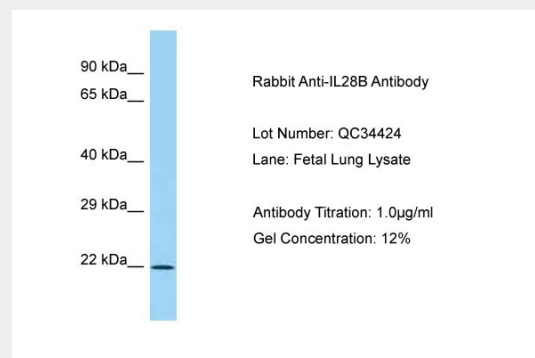
This antibody is pan-IL28 specific, as there is 100% homology to the human IL28A sequence, per <http://www.uniprot.org/uniprot/Q8IZJ0>.

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-IL28B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.



Host: Rabbit
Target Name: IL28B
Sample Tissue: Fetal Lung
Antibody Dilution: 1.0 µg/ml

IL28B antibody - C-terminal region - References

Sheppard P., et al. Nat. Immunol. 4:63-68(2003).
Kotenko S.V., et al. Nat. Immunol. 4:69-77(2003).
Li M.C., et al. Acta Pharmacol. Sin. 27:453-459(2006).
Grimwood J., et al. Nature 428:529-535(2004).
Donnelly R.P., et al. J. Interferon Cytokine Res. 30:555-564(2010).

Precautions

IL28B antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

IL28B antibody - C-terminal region - Protein Information

Name IFNL3

Synonyms IL28B, IL28C, ZCYTO22

Function

Cytokine with antiviral, antitumour and immunomodulatory activities. Plays a critical role in the antiviral host defense, predominantly in the epithelial tissues. Acts as a ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IFNLR1, and receptor engagement leads to the activation of the JAK/STAT signaling pathway resulting in the expression of IFN-stimulated genes (ISG), which mediate the antiviral state. Has a restricted receptor distribution and therefore restricted targets: is primarily active in epithelial cells and this cell type-selective action is because of the epithelial cell-specific expression of its receptor IFNLR1. 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. Exerts an immunomodulatory effect by up-regulating MHC class I antigen expression.

Cellular Location

Secreted.

IL28B antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)