

IL-28 Polyclonal Antibody

Catalog No: YT5305

Reactivity: Human; Mouse

Applications: WB;IHC;IF;ELISA

Target: IL-28

Fields: >>Cytokine-cytokine receptor interaction;>>JAK-STAT signaling pathway

Gene Name: IL28A

Protein Name: Interleukin-28A

Q8IZJ0

Q4VK74

Human Gene Id: 282616

Human Swiss Prot

No:

Mouse Gene ld: 330496

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from the C-

terminal region of human IL28A. AA range:131-180

Specificity: IL-28 Polyclonal Antibody detects endogenous levels of IL-28 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000.. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/3



Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 25kD

Cell Pathway: Cytokine-cytokine receptor interaction; Jak_STAT;

Background: This gene encodes a cytokine distantly related to type I interferons and the IL-10

family. This gene, interleukin 28B (IL28B), 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 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). [provided by RefSeq, Jul 2008],

Function: caution:It is uncertain whether Met-1 or Met-5 is the initiator.,function:Cytokine

with immunomodulatory activity. Up-regulates MHC class I antigen expression. Displays potent antiviral activity. Also displays antitumor activity. Ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IL28RA. The

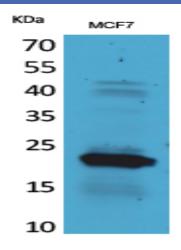
ligand/receptor complex seems to signal through the Jak-STAT pathway.,induction:By viral infections or double stranded RNA.,online information:Interleukin-28 entry,similarity:Belongs to the IL-28/IL-29 family.,

Subcellular Location :

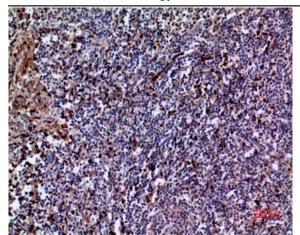
Secreted.

Expression: Pooled,

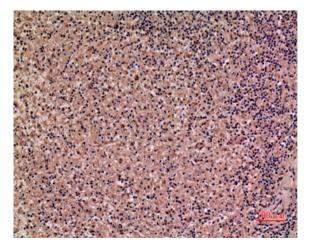
Products Images



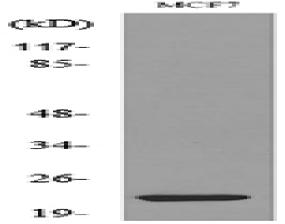
Western Blot analysis of MCF7 cells using IL-28 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded humantonsil, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded humanspleen, antibody was diluted at 1:100



Western blot analysis of lysate from MCF7 cells, using IL28A Antibody.