

## IL-28R $\alpha$ Polyclonal Antibody

<b>Catalog No :</b>	YT5089
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	IL-28R $\alpha$
<b>Fields :</b>	>>Cytokine-cytokine receptor interaction;>>JAK-STAT signaling pathway
<b>Gene Name :</b>	IL28RA
<b>Protein Name :</b>	Interleukin-28 receptor subunit alpha
<b>Human Gene Id :</b>	163702
<b>Human Swiss Prot No :</b>	Q8IU57
<b>Mouse Swiss Prot No :</b>	Q8CGK5
<b>Immunogen :</b>	Synthesized peptide derived from the Internal region of human IL-28R $\alpha$ .
<b>Specificity :</b>	IL-28R $\alpha$ Polyclonal Antibody detects endogenous levels of IL-28R $\alpha$ protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 57kD

**Cell Pathway :** Cytokine-cytokine receptor interaction;Jak\_STAT;

**Background :** The protein encoded by this gene belongs to the class II cytokine receptor family. This protein forms a receptor complex with interleukine 10 receptor, beta (IL10RB). The receptor complex has been shown to interact with three closely related cytokines, including interleukin 28A (IL28A), interleukin 28B (IL28B), and interleukin 29 (IL29). The expression of all three cytokines can be induced by viral infection. The cells overexpressing this protein have been found to have enhanced responses to IL28A and IL29, but decreased response to IL28B. Three alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008],

**Function :** function:The IL28RA/IL10RB dimer is a receptor for IL28A, IL28B and IL29. The ligand/receptor complex seems to signal through the Jak-STAT pathway.,similarity:Belongs to the type II cytokine receptor family.,similarity:Contains 1 fibronectin type-III domain.,subunit:Heterodimer with IL10RB.,tissue specificity:Widely expressed.,

**Subcellular Location :** Membrane ; Single-pass type I membrane protein .

**Expression :** Widely expressed.

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