

## IL-13R $\alpha$ 2 Polyclonal Antibody

<b>Catalog No :</b>	YT2314
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	IL-13R $\alpha$ 2
<b>Fields :</b>	>>Cytokine-cytokine receptor interaction;>>JAK-STAT signaling pathway
<b>Gene Name :</b>	IL13RA2
<b>Protein Name :</b>	Interleukin-13 receptor subunit alpha-2
<b>Human Gene Id :</b>	3598
<b>Human Swiss Prot No :</b>	Q14627
<b>Mouse Swiss Prot No :</b>	O88786
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human IL13RA2. AA range:315-364
<b>Specificity :</b>	IL-13R $\alpha$ 2 Polyclonal Antibody detects endogenous levels of IL-13R $\alpha$ 2 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: 1:20000. 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)

<b>Observed Band :</b>	50kD
<b>Cell Pathway :</b>	Jak_STAT;
<b>Background :</b>	The protein encoded by this gene is closely related to IL13RA1, a subunit of the interleukin 13 receptor complex. This protein binds IL13 with high affinity, but lacks cytoplasmic domain, and does not appear to function as a signal mediator. It is reported to play a role in the internalization of IL13. [provided by RefSeq, Jul 2008],
<b>Function :</b>	domain:The box 1 motif is required for JAK interaction and/or activation.,domain:The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.,function:Binds as a monomer with high affinity to interleukin 13 (IL13), but not to IL4.,similarity:Belongs to the type I cytokine receptor family. Type 5 subfamily.,similarity:Contains 1 fibronectin type-III domain.,
<b>Subcellular Location :</b>	Membrane; Single-pass type I membrane protein.
<b>Expression :</b>	Brain,Lung,Prostate,Renal cell carcinoma,Testis,
<b>Sort :</b>	8435
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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