

IL-13R α 2 Polyclonal Antibody

Catalog No :	YT2314
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	IL-13R α 2
Fields :	>>Cytokine-cytokine receptor interaction;>>JAK-STAT signaling pathway
Gene Name :	IL13RA2
Protein Name :	Interleukin-13 receptor subunit alpha-2
Human Gene Id :	3598
Human Swiss Prot No :	Q14627
Mouse Swiss Prot No :	O88786
Immunogen :	The antiserum was produced against synthesized peptide derived from human IL13RA2. AA range:315-364
Specificity :	IL-13R α 2 Polyclonal Antibody detects endogenous levels of IL-13R α 2 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. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 50kD**Cell Pathway :** Jak_STAT;**Background :** 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],**Function :** 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.,**Subcellular Location :** Membrane; Single-pass type I membrane protein.**Expression :** Brain,Lung,Prostate,Renal cell carcinoma,Testis,

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