

IL-13Ra2 Polyclonal Antibody

Catalog No: YT5616

Reactivity: Human; Rat; Mouse;

Applications: WB;IHC;IF;ELISA

Target: IL-13Ra2

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

Q14627

O88786

No:

Mouse Swiss Prot

No:

Immunogen: Synthesized peptide derived from Interleukin-13 receptor subunit alpha-2 at AA

range: 241-290

Specificity: IL-13Ra2 Polyclonal Antibody detects endogenous levels of IL-13Ra2 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: 1:10000.. IF 1:50-200

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)

1/3



Observed Band: 44kD

Cell Pathway : __Jak_STAT;

Background: The protein encoded by this gene is closely related to II13RA1, a subuint 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

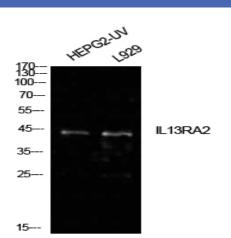
subfamily., similarity: Contains 1 fibronectin type-III domain.,

Subcellular Location:

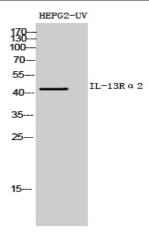
Membrane; Single-pass type I membrane protein.

Expression: Brain, Lung, Prostate, Renal cell carcinoma, Testis,

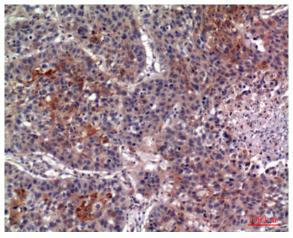
Products Images



Western Blot analysis of HepG2(UV), L929 cells using IL-13Rα2 Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western Blot analysis of HEPG2-UV cells using IL-13Rα2 Polyclonal Antibody diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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