



IL-13Rα2 Polyclonal Antibody

Catalog No	YP-Ab-13371
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	IL13RA2
Immunogen	The antiserum was produced against synthesized peptide derived from human IL13RA2. AA range:315-364
Specificity	IL-13Rα2 Polyclonal Antibody detects endogenous levels of IL-13Rα2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IL13RA2;CD213A2;CT19;IL 13 receptor subunit alpha 2;IL 13R;IL-13Rα2; Interleukin-13 receptor subunit alpha-2;IL13R;IL-13 receptor subunit alpha-2;IL-13R subunit alpha-2;IL-13R-alpha-2;IL-13RA2;Interleukin-13-binding protein;CD antigen CD213a2
Observed Band	55-70 kDa
Calculated Molecular Weight	380 aa, 44 kDa
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Brain,Lung,Prostate,Renal cell carcinoma,Testis,
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.,

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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images