



## Rabbit Anti-phospho-IL13 receptor alpha 1 (Tyr405) antibody

SL18135R

<b>Product Name:</b>	phospho-IL13 receptor alpha 1 (Tyr405)
<b>Chinese Name:</b>	磷酸化白细胞介素13受体 $\alpha$ 1抗体
<b>Alias:</b>	IL13 receptor alpha 1 (phospho Y405); p-IL13 receptor alpha 1 (phospho Y405); bB128O4.2.1 (interleukin 13 receptor, alpha 1); Cancer/testis antigen 19; CD213A1; CD213A1 Antigen; CT 19; CT19; I13R1_HUMAN; IL 13 receptor subunit alpha 1; IL 13R alpha 1; IL 13R subunit alpha 1; IL 13Ra; IL 13RA1; IL-13 receptor subunit alpha-1; IL-13R subunit alpha-1; IL-13R-alpha-1; IL-13RA1; IL13 receptor alpha 1 chain; IL13R; IL13RA; IL13RA1; Interleukin 13 receptor alpha 1; Interleukin 13 receptor alpha 1 chain; interleukin 13 receptor subunit alpha 1; Interleukin-13 receptor subunit alpha-1; NR 4; NR4.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Pig,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	42kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated Synthesised phosphopeptide derived from human IL13 receptor alpha 1 around the phosphorylation site of Tyr405:DI(p-Y)EK
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized

	antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>The protein encoded by this gene is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4. [provided by RefSeq, Jul 2008]</p> <p><b>Function:</b> Binds with low affinity to interleukin-13 (IL13). Together with IL4RA can form a functional receptor for IL13. Also serves as an alternate accessory protein to the common cytokine receptor gamma chain for interleukin-4 (IL4) signaling, but cannot replace the function of IL2RG in allowing enhanced interleukin-2 (IL2) binding activity.</p> <p><b>Subcellular Location:</b> Membrane.</p> <p><b>Tissue Specificity:</b> Ubiquitous. Highest levels in heart, liver, skeletal muscle and ovary; lowest levels in brain, lung and kidney. Also found in B-cells, T-cells and endothelial cells.</p> <p><b>Similarity:</b> Belongs to the type I cytokine receptor family. Type 5 subfamily.</p> <p><b>SWISS:</b> P78552</p> <p><b>Gene ID:</b> 3597</p> <p><b>Database links:</b></p> <p><a href="#">Entrez Gene: 3597</a> Human</p> <p><a href="#">Entrez Gene: 16164</a> Mouse</p> <p><a href="#">Omim: 300119</a> Human</p> <p><a href="#">SwissProt: P78552</a> Human</p> <p><a href="#">SwissProt: O09030</a> Mouse</p>

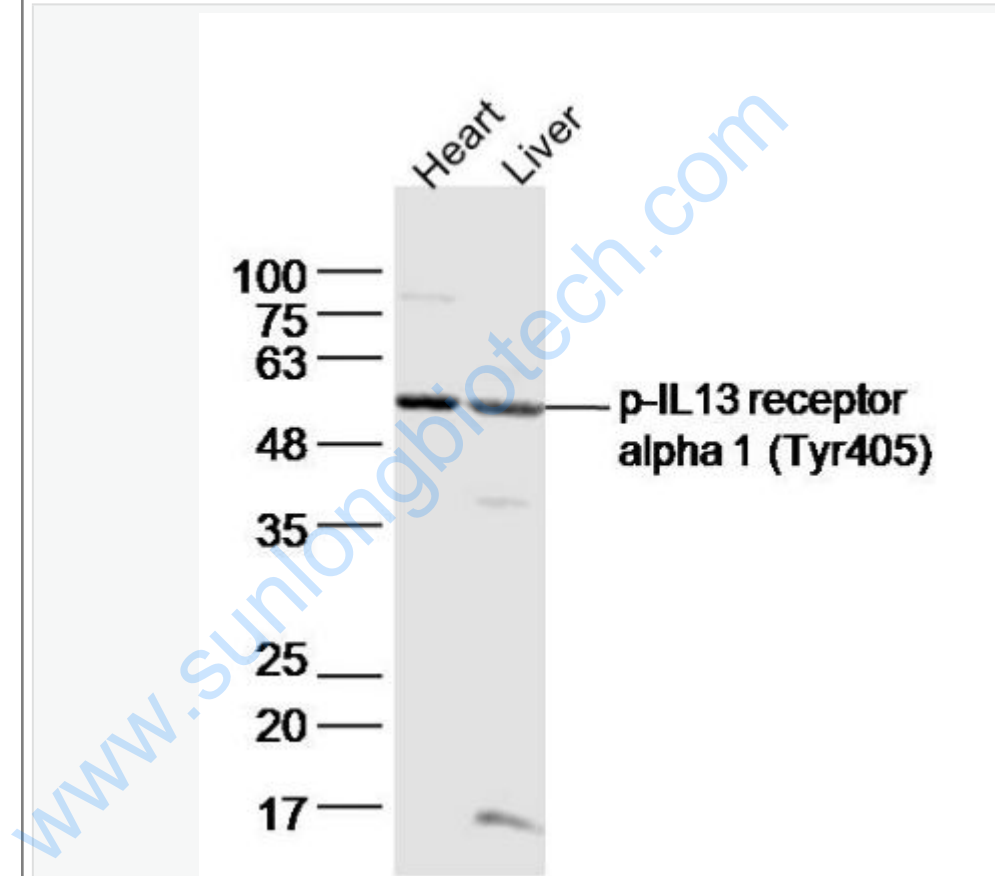
[Unigene: 496646](#) Human

[Unigene: 24208](#) Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

Heart (Mouse) Lysate at 40 ug

Liver (Mouse) Lysate at 40 ug

Primary: Anti-p-IL13receptor alpha 1 (Tyr405) (SL18135R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 42 kD

Observed band size: 42 kD

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