

OriGene Technologies, Inc.

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Product datasheet for TA363752

CD130 (IL6ST) Rabbit Polyclonal Antibody

Product data:

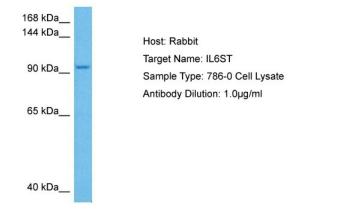
| Product Type: | Primary Antibodies |
|-------------------------|--|
| Applications: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen is a synthetic peptide directed towards the middle region of human IL6ST |
| Specificity: | Expected reactivity: Human |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers. |
| Concentration: | lot specific |
| Purification: | Affinity purified |
| Conjugation: | Unconjugated |
| Storage: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 94 kDa |
| Gene Name: | interleukin 6 signal transducer |
| Database Link: | <u>NP_001177910.1</u> <u>Entrez Gene 3572 Human</u> |
| | <u>P40189-3</u> |



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| | CD130 (IL6ST) Rabbit Polyclonal Antibody – TA363752 |
|-----------------|--|
| Background: | The protein encoded by this gene is a signal transducer shared by many cytokines, including interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and oncostatin M (OSM). This protein functions as a part of the cytokine receptor complex. The activation of this protein is dependent upon the binding of cytokines to their receptors. vIL6, a protein related to IL6 and encoded by the Kaposi sarcoma-associated herpesvirus, can bypass the interleukin 6 receptor (IL6R) and directly activate this protein. Knockout studies in mice suggest that this gene plays a critical role in regulating myocyte apoptosis. Alternatively spliced transcript variants have been described. A related pseudogene has been identified on chromosome 17. |
| Synonyms: | CD130; CDw130; GP130; GP130-RAPS; IL-6R-beta; IL6R-beta; OTTHUMP00000122545 |
| Protein Familie | s: Druggable Genome, Secreted Protein, Transmembrane |
| Protein Pathwa | ys: Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway |

Product images:



Host: Rabbit Target Name: IL6ST Sample Tissue: Human 786-0 Whole Cell lysates Antibody Dilution: 1ug/ml

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