# Anti-IL-11 antibody

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| **Description** | Rabbit polyclonal to IL-11. |

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| **Model** | STJ93674 |
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Applications** | ELISA, IHC |
| **Immunogen** | Synthesized peptide derived from human IL-11. |
| **Immunogen Region** | N-terminal |
| **Gene ID** | 3589 |
| **Gene Symbol** | IL11 |
| **Dilution range** | IHC 1:100-1:300ELISA 1:5000 |
| **Specificity** | IL-11 Polyclonal Antibody detects endogenous levels of IL-11 protein. |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Note** | For Research Use Only (RUO). |
| **Protein Name** | Interleukin-11 IL-11 Adipogenesis inhibitory factor AGIF Oprelvekin |
| **Molecular Weight** | 21.429 kDa |
| **Clonality** | Polyclonal |
| **Conjugation** | Unconjugated |
| **Isotype** | IgG |

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| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Concentration** | 1 mg/ml |
| **Storage Instruction** | Store at -20°C, and avoid repeat freeze-thaw cycles. |
| **Database Links** | HGNC:5966OMIM:147681 |
| **Alternative Names** | Interleukin-11 IL-11 Adipogenesis inhibitory factor AGIF Oprelvekin |
| **Function** | Cytokine that stimulates the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells and induces megakaryocyte maturation resulting in increased platelet production . Also promotes the proliferation of hepatocytes in response to liver damage. Binding to its receptor formed by IL6ST and either IL11RA1 or IL11RA2 activates a signaling cascade that promotes cell proliferation . Signaling leads to the activation of intracellular protein kinases and the phosphorylation of STAT3. |
| **Cellular Localization** | Secreted |