

Anti-IL-15 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P104883

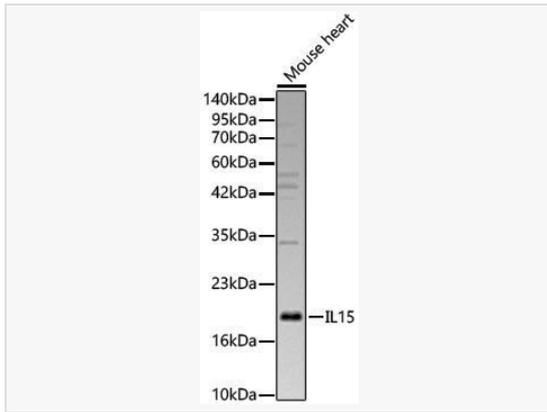
Product Information

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| Application | WB, ELISA |
| Reactivity | Mouse |
| Dilution | WB 1:1,000~1:5,000 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | Recombinant fusion protein containing a sequence corresponding to amino acids 49-162 of human IL15 (NP_000576.1). |
| Format | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-IL-15 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

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| Synonyms | IL15; IL-15; interleukin-15. |
| Calculated MW | Calculated MW: 14 kDa/18 kDa; Observed MW: 18 kDa |
| Uniprot ID | P40933 |
| Gene ID | 3600 |
| Background | The protein encoded by this gene is a cytokine that regulates T and natural killer cell activation and proliferation. This cytokine and interleukine 2 share many biological activities. They are found to bind common hematopoietin receptor subunits, and may compete for the same receptor, and thus negatively regulate each other's activity. The number of CD8+ memory cells is shown to be controlled by a balance between this cytokine and IL2. This cytokine induces the activation of JAK kinases, as well as the phosphorylation and activation of transcription activators STAT3, STAT5, and STAT6. Studies of the mouse counterpart suggested that this cytokine may increase the expression of apoptosis inhibitor BCL2L1/BCL-x(L), possibly through the transcription activation activity of STAT6, and thus prevent apoptosis. Alternatively spliced transcript variants of this gene have been reported. |

Validation Images



Western blot analysis of lysates from Mouse heart, using IL15 Rabbit pAb (P104883) at 1:2,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 30s.