

Product datasheet for **TA388944**

IL7 Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | ELISA, WB |
| Recommended Dilution: | Sandwich ELISA: To detect Rat IL-7 by sandwich ELISA (using 100 ml/well) a concentration of 0.25 – 1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with ProSci's Polyclonal Anti-Rat IL-7 as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant Rat IL-7. Western Blot To detect Rat IL-7 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 mg/ml. When used in conjunction with compatible development reagents the detection limit for recombinant Rat IL-7 is 1.5 – 3.0 ng/lane, under either reducing or non-reducing conditions. |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | Produced from sera of rabbits immunized with highly pure recombinant Rat IL-7. Anti-Rat IL-7 specific antibody was purified by affinity chromatography and then biotinylated. |
| Concentration: | lot specific |
| Purification: | IL-7 specific antibody was purified by affinity chromatography and then biotinylated |
| Conjugation: | Biotin |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Database Link: | P56478 |
| Background: | IL-7 is a hematopoietic growth factor that primarily affects early B and T cells. Produced by thymic stromal cells, spleen cells and keratinocytes, IL-7 can also co-stimulate the proliferation of mature T cells in combination with other factors, such as ConA and IL-2. Human and murine IL-7 is cross-species reactive. Recombinant Rat IL-7 is a 15.0 kDa protein containing 130 amino acid residues. |



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