

Product datasheet for **AP32852BT-N**

Interleukin-7 / IL7 Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | ELISA, WB |
| Recommended Dilution: | Direct ELISA: To detect Rat IL-7 by direct ELISA (using 100 ml/well) a concentration of approximately 1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody allows the detection of at least 0.2-0.4 ng/well of recombinant Rat IL-7. 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 Polyclonal Anti-Rat IL-7 (Cat.-No AP32852PU) 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: | Highly pure (>98%) E.coli derived recombinant Rat IL7 (Cat.-No PA266) |
| Specificity: | This antibody recognizes Rat IL7. Other species not tested. |
| Formulation: | PBS, pH 7.2 Label: Biotin State: Lyophilized (sterile filtered) purified Ig fraction |
| Reconstitution Method: | Restore in sterile water to a concentration of 0.1-1.0 mg/ml. |
| Purification: | Affinity Chromatography |
| Conjugation: | Biotin |
| Storage: | Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |



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Stability: Shelf life: one year from despatch.

Database Link: [P56478](#)

Background: IL-7 is a hematopoietic growth factor which affects primarily 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.

Synonyms: IL-7

Product images:



Western Blot (Unreduced) using IL7 antibody Cat.-No AP32852BT



Western Blot (Reduced) using IL7 antibody Cat.-No AP32852BT