

Product datasheet for **AP32852PU-S**

Interleukin-7 / IL7 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, Neutralize, WB
Recommended Dilution:	Sandwich ELISA: To detect Rat IL-7 by sandwich ELISA (using 100µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Rat IL-7 (<i>Cat.-No</i> AP32852BT-N or AP32852BT-S) as a detection 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 µg/ml. When used in conjunction with compatible secondary reagents the detection limit for recombinant Rat IL-7 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions. Neutralization: To yield one-half maximal inhibition [ND ₅₀] of the biological activity of Rat IL-7 (5.0 ng/ml), a concentration of 0.14-0.21 µg/ml of this antibody is required.
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) E.coli derived recombinant Rat IL7 (<i>Cat.-No</i> PA266)
Specificity:	This antibody recognizes Rat IL7. Other species not tested.
Formulation:	PBS, pH 7.2 State: Aff - Purified 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 employing immobilized Human IL7 matrix
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.



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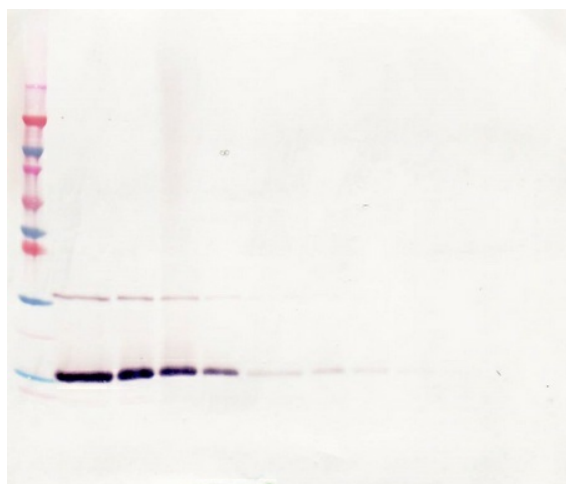
Background: IL-7 is a hematopoietic growth factor which affects primarily early B and T cells. Produced by thymic stromal cells, spleen cells and keratinocytes, IL-7 can also co-stimulate the proliferation of mature T cells in combination with other factors such as ConA and IL-2. Human and murine IL-7 is cross-species reactive.

Synonyms: IL-7

Product images:



Western Blot (Unreduced) using IL7antibody Cat.-No AP32852PU



Western Blot (Reduced) using IL7antibody Cat.-No AP32852PU