

## Product datasheet for **AP32852BT-S**

### Interleukin-7 / IL7 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>Direct ELISA:</b> 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. <b>Sandwich ELISA:</b> 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. <b>Western Blot:</b> 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](#)

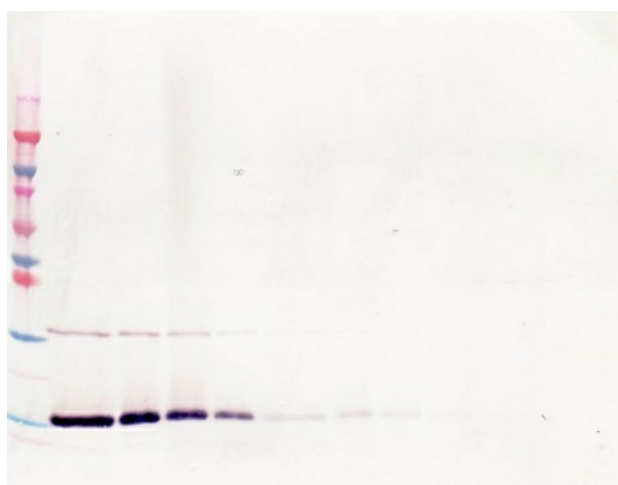
**Background:** IL-7 is a hematopoietic growth factor which affects primarily early B and T cells. Produced by thymic stromal cells, spleen cells and keratinocytes, IL-7 can also co-stimulate the proliferation of mature T cells in combination with other factors such as ConA and IL-2. Human and murine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