

Product datasheet for AP32852BT-N

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

Interleukin-7 / IL7 Rabbit Polyclonal Antibody

Product data:

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- $1.0 \, \mu g/ml$ 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.





Interleukin-7 / IL7 Rabbit Polyclonal Antibody - AP32852BT-N

Stability: Shelf life: one year from despatch.

Database Link: P56478

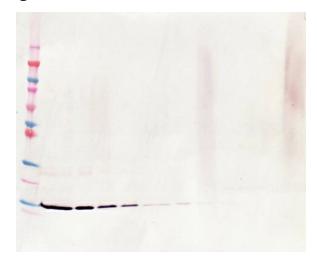
Background: IL-7 is a hematopoietic growth factor which affects primarily early B and T cells. Produced by

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.

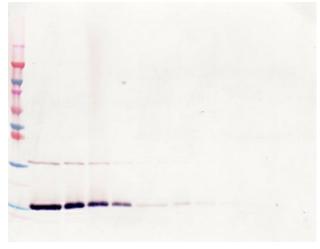
Human and murine IL-7 is cross-species reactive.

Synonyms: IL-7

Product images:



Western Blot (Unreduced) usingIL7 antibody Cat.-No AP32852BT



Western Blot (Reduced) usingIL7 antibody Cat.-No AP32852BT