

Product datasheet for TA357161

IL7 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Rabbit Host:

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the C-terminal region of Human IL7

Specificity: **Expected reactivity**: Cow, Dog, Horse, Human, Pig, Sheep, Yeast

Homology: Cow: 86%; Dog: 86%; Horse: 93%; Human: 100%; Pig: 100%; Sheep: 93%; Yeast:

85%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

lot specific Concentration:

Purification: Affinity Purified Conjugation: Unconjugated

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small Storage:

aliquots to prevent freeze-thaw cycles.

Shelf life: one year from despatch. Stability:

Predicted Protein Size: 19kDa

Gene Name: interleukin 7

Database Link: Entrez Gene 3574 Human

P13232



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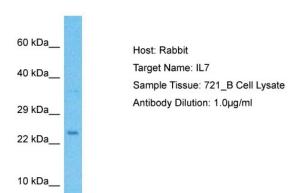


Background:

The protein encoded by this gene is a cytokine important for B and T cell development. This cytokine and the hepatocyte growth factor (HGF) form a heterodimer that functions as a prepro-B cell growth-stimulating factor. This cytokine is found to be a cofactor for V(D)J rearrangement of the T cell receptor beta (TCRB) during early T cell development. This cytokine can be produced locally by intestinal epithelial and epithelial goblet cells, and may serve as a regulatory factor for intestinal mucosal lymphocytes. Knockout studies in mice suggested that this cytokine plays an essential role in lymphoid cell survival. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional splice variants have been described but their presence in normal tissues has not been confirmed.

Synonyms: IL-7

Product images:



Host: Rabbit Target Name: IL7

Sample Type: 721_B Whole Cell lysates

Antibody Dilution: 1.0ug/ml