

## IL-21 rabbit pAb

Cat No.: ES2614

For research use only

## Overview

Product Name IL-21 rabbit pAb

Host species Rabbit
Applications WB;ELISA
Species Cross-Reactivity Human;Mouse

Recommended dilutions Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not

yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human IL21. AA range:91-140

**Specificity** IL-21 Polyclonal Antibody detects endogenous levels

of IL-21 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

**Storage** Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Interleukin-21

Gene Name IL21

Cellular localization Secreted.

**Purification** The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

ClonalityPolyclonalConcentration1 mg/mlObserved band18kDHuman Gene ID59067Human Swiss-Prot NumberQ9HBE4

Alternative Names IL21; Interleukin-21; IL-21; Za11

Background This gene encodes a member of the

common-gamma chain family of cytokines with immunoregulatory activity. The encoded protein plays a role in both the innate and adaptive immune

responses by inducing the differentiation,

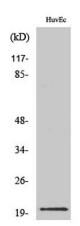
proliferation and activity of multiple target cells including macrophages, natural killer cells, B cells and cytotoxic T cells. Dysregulation of this gene



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plays a role in multiple immune-mediated diseases including lupus, psoriasis and chronic inflammatory diseases. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011],

Western Blot analysis of various cells using IL-21 Polyclonal Antibody diluted at 1:500



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