

## IL27

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 27kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human IL27

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

p28; IL30; IL-27; IL27A; IL-27A; IL27p28;

**Catalog #:** A5498

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 246778

**Isotype:** IgG

**Swiss Prot:** Q8NEV9

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is one of the subunits of a heterodimeric cytokine complex. This protein is related to interleukin 12A (IL12A). It interacts with Epstein-Barr virus induced gene 3 (EBI3), a protein similar to interleukin 12B (IL12B), and forms a complex that has been shown to drive rapid expansion of naive but not memory CD4(+) T cells. The complex is also found to synergize strongly with interleukin 12 to trigger interferon gamma (IFNG) production of naive CD4(+) T cells. The biological effects of this cytokine are mediated by the class I cytokine receptor (WSX1/TCRR).

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