

IL-27R α polyclonal antibody

Catalog: BS60331

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

IL-27 is a heterodimeric cytokine that consists of EBI3, an IL-12p40-related protein, and p28, a IL-12p35-related polypeptide. IL-27 triggers expansion of antigen-specific naive CD4-positive T cells and promotes polarization towards a Th1 phenotype with expression of gamma-interferon. IL-27 contributes to the development of an adaptive immune response through its action on CD4-positive T cells, and also directly acts on cells of the innate immune system. IL-27 protein levels increase upon activation of antigen-presenting cells. IL-27 protein induces orphan cytokine receptor IL-27R (WSX-1)-dependent clonal expansion of naive but not memory CD4(+) T cells. IL-27 signaling through IL-27R and gp130 also induces phosphorylation of Stat1-5.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 70 kDa

Swiss-Prot:

Q6UWB1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

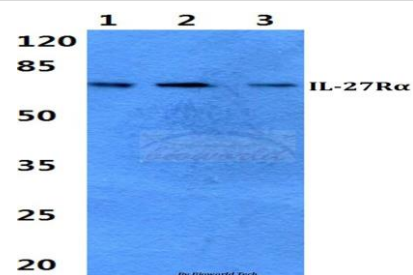
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

IL-27R α polyclonal antibody detects endogenous levels of IL-27R α protein.

DATA:



Western blot (WB) analysis of IL-27R α polyclonal antibody at 1:500 dilution

Lane1:Hela cell lysate

Lane2:Mouse spleen tissue lysate

Lane3:Rat spleen tissue lysate

Note:

For research use only, not for use in diagnostic procedure.

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