

IL-11R α (D361) polyclonal antibody

Catalog: BS9265

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The pleiotropic cytokine, IL-11, has been shown to have proliferative and differentiation effects on lymphopoietic, myeloid and erythroid cells. IL-11 also has the inhibiting effect of repressing adipogenesis in vitro. The IL-11 α receptor, IL-11R α , is a member of the class 1 subgroup of the cytokine receptor family and exhibits structural similarity to the α subunits of the human ciliary neurotrophic factor (CNTF) and the mouse IL-6 receptor. It is speculated that the IL-11R α regulates the proliferation and/or differentiation of skeletogenic progenitor and mesenchymal cells. Coexpression of gp130 and IL-11 α is necessary for high-affinity binding of IL-11 to IL-11R α . It has also been found that coexpression of IL-11R α and gp130 is required for proper stimulation of Ba/F3 cells to differentiate into macrophage in response to IL-11.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 45 kDa

Swiss-Prot:

Q14626

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

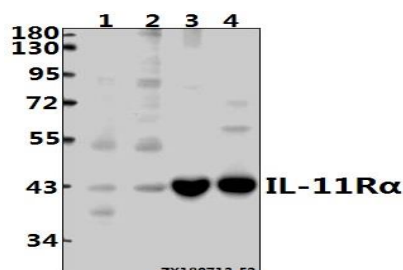
Storage&Stability:

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

Specificity:

IL-11R α (D361) polyclonal antibody detects endogenous levels of IL-11R α protein.

DATA:



Western blot (WB) analysis of IL-11R α (D361) pAb at 1:500 dilution

Lane1:A375 whole cell lysate(40ug)

Lane2:K562 whole cell lysate(40ug)

Lane3:The Muscle tissue lysate of Mouse(30ug)

Lane4:The Heart tissue lysate of Rat(30ug)

Note:

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

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