

IL13RA2 polyclonal antibody

Catalog: BS61342

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The Th2 cytokine Interleukin-13 (IL-13) plays a critical role in allergen-induced airway hyper-responsiveness (AHR). Two different receptors exist for IL-13, designated IL-13R α 1 and 2. IL-13R α 1 exists as a heterodimer of IL-13R α 1 and IL-4R α as a signaling subunit, whereas IL-13R α 2 acts as a decoy receptor for IL-13. Furthermore, TNF α or IL-4 stimulation induces IL-13R α 2 up-regulation, while IL-13R α 1 is constitutively expressed. Cell surface localization of IL-13R α 2 abrogates IL-13 signaling, thus IL-13 induced translocation of the receptor from the cytoplasm provides a mechanism for negative-feedback of IL-13 signaling. IL-13R α 1 expression is predominant in B cells, monocytes and T cells, whereas IL-13R α 2 expression is highest in glioma cells.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 37 kDa

Swiss-Prot:

Q14627

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 96% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

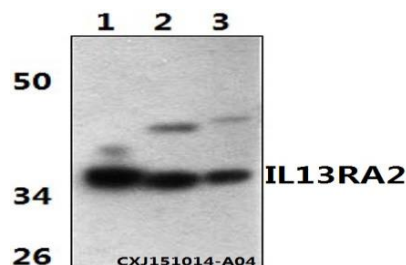
Storage&Stability:

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

Specificity:

IL13RA2 polyclonal antibody detects endogenous levels of IL13RA2 protein.

DATA:



Western blot (WB) analysis of IL13RA2 polyclonal antibody at 1:500 dilution

Lane1: HepG2 whole cell lysate (40ug)

Lane2: The liver tissue lysate of Mouse (30ug)

Lane3: The liver tissue lysate of Rat (30ug)

Note:

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

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