

## IL-13R $\alpha$ 1 (K401) polyclonal antibody

Catalog: BS1800

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The protein encoded by this gene is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4.

### Product:

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

### Molecular Weight:

~ 49 kDa

### Swiss-Prot:

P78552

### 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

IHC: 1:50~1:200

IF: 1:50~1:200

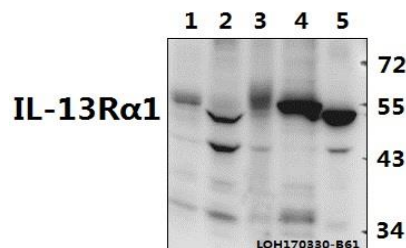
### Storage&Stability:

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

### Specificity:

IL-13R $\alpha$ 1 (K401) polyclonal antibody detects endogenous levels of IL-13R $\alpha$ 1 protein.

### DATA:



Western blot (WB) analysis of IL-13R $\alpha$ 1 (K401) polyclonal antibody at 1:500 dilution

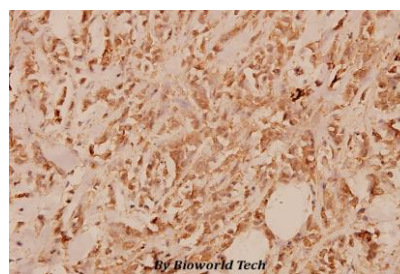
Lane1: The Liver tissue lysate of Rat(40ug)

Lane2: PC12 whole cell lysate(40ug)

Lane3: CT-26 whole cell lysate(40ug)

Lane4: L02 whole cell lysate(40ug)

Lane5: Hela whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of IL-13R $\alpha$ 1 (K401) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

### Note:

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

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