
IL-4 Rabbit pAb

Catalog Number: bs-1740R

Target Protein: IL-4

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human

Predicted MW: 14 kDa

Entrez Gene: 3565

Swiss Prot: P05112

Source: KLH conjugated synthetic peptide derived from human IL-4: 25-125/137.

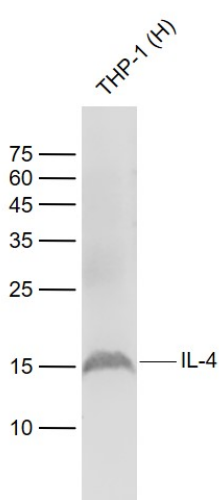
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a pleiotropic cytokine produced by activated T cells. This cytokine is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine. This gene, IL3, IL5, IL13, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL13. This gene, IL13 and IL5 are found to be regulated coordinately by several long-range regulatory elements in an over 120 kilobase range on the chromosome. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008].

VALIDATION IMAGES



Sample: Lane 1: THP-1 (Human) Cell Lysate at 30 ug Primary: Anti-IL-4 (bs-1740R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 17 kD Observed band size: 16 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.6] Yiming Zhang. et al. miR-210/NF-κB axis: A new direction for regulating cadmium-induced pig artery inflammatory injury. J CELL PHYSIOL. 2023 Jun;; WB ; Pig . 37269461

[IF=2.7] Zhang Yiming. et al. Selenium deficiency modulates necroptosis-mediated intestinal inflammation in broiler through the lncRNAWSF27/miRNA1696/GPX3 axis. J ANIM SCI. 2024 Sep;; WB ; . 39331000

[IF=1.813] Jiang Yan. et al. Exploring the Mechanism of Berberine Intervention in Ulcerative Colitis from the Perspective of Inflammation and Immunity Based on Systemic Pharmacology. Evid-Based Compl Alt. 2021;2021:9970240 IHC ; Rat . 34211579