bs-2606R **[Primary Antibody]**

IL17RA Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 23765 **SWISS:** Q96F46

Target: IL17RA

Immunogen: KLH conjugated synthetic peptide derived from human IL-17RA: 201-300/866. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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: Interleukin 17A (IL17A)is a proinflammatory cytokine secreted by activated T-lymphocytes. It is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. The protein encoded by this gene (interleukin 17A receptor; IL17RA) is a ubiquitous type I membrane glycoprotein that binds with low affinity to interleukin 17A. Interleukin 17A and its receptor play a pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis. Like other cytokine receptors, this receptor likely has a multimeric structure. [provided by RefSeq]

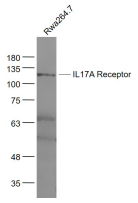
Applications: **WB** (1:500-2000)

Reactivity: Human, Mouse (predicted: Rat)

Predicted MW.: 92 kDa

Subcellular Location: Secreted ,Cell membrane

VALIDATION IMAGES



Sample: Raw264.7(Mouse) Cell Lysate at 30 ug Primary: Anti- IL17A Receptor (bs-2606R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 92 kD Observed band size: 120 kD

SELECTED CITATIONS

- **[IF=8.469]** Miyajima, Hisao. et al. Interleukin-17A regulates ependymal cell proliferation and functional recovery after spinal cord injury in mice. Cell Death Dis. 2021 Aug;12(8):1-11 IHC ;Mouse. 34344859
- **[IF=4.8]** Tengfei Chen. et al. Integrated Network Pharmacology and Experimental Approach to Investigate the Protective Effect of Jin Gu Lian Capsule on Rheumatoid Arthritis by Inhibiting Inflammation via IL-17/NF-κB Pathway. DRUG DES DEV THER. 2023 Dec 31 IHC ;Rat. 38107658
- **[IF=5.1]** Yang Zhen. et al. Counteracting age-related Netrin-1 signaling insufficiency ameliorates endothelial cell senescence and angiogenesis impairment. J GERONTOL A-BIOL. 2023 Aug;: IHC ;Mouse. 37561046
- **[IF=5.4]** Shuang Hu. et al. Study on therapeutic mechanism of total salvianolic acids against myocardial ischemia-reperfusion injury based on network pharmacology, molecular docking, and experimental study. J ETHNOPHARMACOL. 2024 May;326:117902 WB ;Rat. 38360382
- **[IF=4.8]** Yun Sun. et al. Huatanhuoxue Decoction alleviates airway inflammation by regulating IL-17A signaling pathway

in obese asthmatic mice. J ETHNOPHARMACOL. 2025 Apr;:119814 WB ;Mouse. 40245963