

bs-2428R**[Primary Antibody]**

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IL-9 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 16198	SWISS: P15247	IHC-F (1:100-500)
Target: IL-9		IF (1:200-800)
Immunogen: KLH conjugated synthetic peptide derived from mouse IL-9: 21-120/144.		Reactivity: (predicted: Mouse, Rat)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 16 kDa
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.		Subcellular Location: Secreted
Background: The protein encoded by this gene is a cytokine that acts as a regulator of a variety of hematopoietic cells. This cytokine stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. The gene encoding this cytokine has been identified as a candidate gene for asthma. Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness. [provided by RefSeq, Jul 2008].		

— SELECTED CITATIONS —

- **[IF=5.6]** Yun Sun, et al. Inhibitory effects of catalpol on DNCB-induced atopic dermatitis and IgE-mediated mast cells reaction. INT IMMUNOPHARMACOL. 2024 Jan;126:111274 ELISA,IHC ;Mouse. 38041954
- **[IF=3.7]** Yao, Xiuhua, et al. "Neutralization of IL - 9 ameliorates symptoms of experimental autoimmune myasthenia gravis in rats by decreasing effector T cells and altering humoral responses." Immunology (2014). Other ;Rat. 24850614
- **[IF=1.5]** Lin, Yinyao, et al. "Expression of interleukin-9 and its upstream stimulating factors in rats with ischemic stroke." Neurological Sciences (2015): 1-8. IHC ;Rat. 25652434