

IL-9R rabbit pAb

Cat#: orb767211 (Manual)

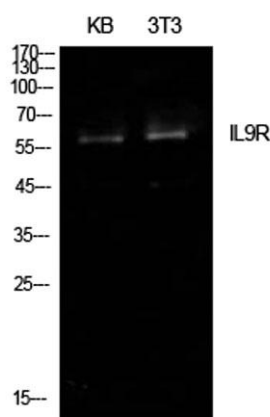
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Product Name	IL-9R rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human IL9R. AA range:201-250
Specificity	IL-9R Polyclonal Antibody detects endogenous levels of IL-9R protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Interleukin-9 receptor
Gene Name	IL9R
Cellular localization	Cell membrane; Single-pass type I membrane protein. Secreted.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

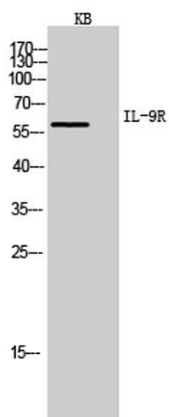
Concentration	1 mg/ml
Observed band	58kD
Human Gene ID	3581
Human Swiss-Prot Number	Q01113
Alternative Names	IL9R; Interleukin-9 receptor; IL-9 receptor; IL-9R; CD129

Background

The protein encoded by this gene is a cytokine receptor that specifically mediates the biological effects of interleukin 9 (IL9). The functional IL9 receptor complex requires this protein as well as the interleukin 2 receptor, gamma (IL2RG), a common gamma subunit shared by the receptors of many different cytokines. The ligand binding of this receptor leads to the activation of various JAK kinases and STAT proteins, which connect to different biologic responses. This gene is located at the pseudoautosomal regions of X and Y chromosomes. Genetic studies suggested an association of this gene with the development of asthma. Multiple pseudogenes on chromosome 9, 10, 16, and 18 have been described. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2008],



Western Blot analysis of KB, NIH-3T3 cells using IL-9R Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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