

IL9R Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14364c

Specification

IL9R Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	O01113
Other Accession	NP_002177.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	170-199

IL9R Antibody (Center) - Additional Information

Gene ID 3581

Other Names

Interleukin-9 receptor, IL-9 receptor, IL-9R, CD129, IL9R

Target/Specificity

This IL9R antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 170-199 amino acids from the Central region of human IL9R.

Dilution

WB~~1:1000
IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

IL9R Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

IL9R Antibody (Center) - Protein Information

Name IL9R

Function Plays an important role in the immune response against parasites by acting as a receptor of IL9.

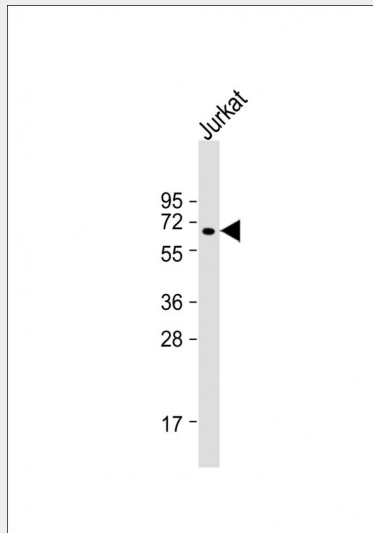
Cellular Location

Cell membrane; Single-pass type I membrane protein. Secreted

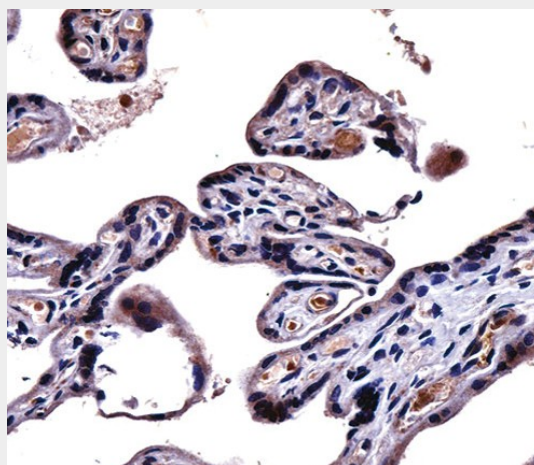
IL9R Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL9R Antibody (Center) - Images

Anti-IL9R Antibody (Center) at 1:1000 dilution + Jurkat whole cell lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 57 kDa Blocking/Dilution buffer: 5% NFDN/TBST.



IL9R Antibody (Center) (AP14364c) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of IL9R Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

IL9R Antibody (Center) - 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.

IL9R Antibody (Center) - References

Romero, R., et al. Am. J. Obstet. Gynecol. 203 (4), 361 (2010) :
McCanlies, E.C., et al. J. Occup. Environ. Med. 52(7):680-684(2010)
Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010)
Romero, R., et al. Am. J. Obstet. Gynecol. 202 (5), 431 (2010) :
Yokoyama, K., et al. Nephron Clin Pract 115 (4), C237-C243 (2010) :