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IL9R Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14364c

Product Information

Application	WB, IHC-P, E
Primary Accession	Q01113
Other Accession	NP_002177.2
Reactivity	Human, Rat, Mouse
Predicted	Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34191
Calculated MW	57147
Antigen Region	170-199

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~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
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.

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

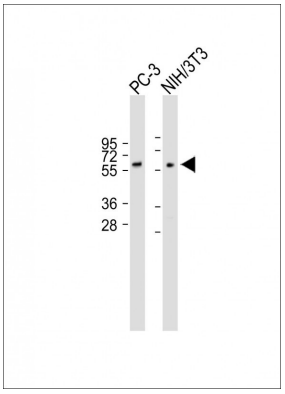
Background

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.

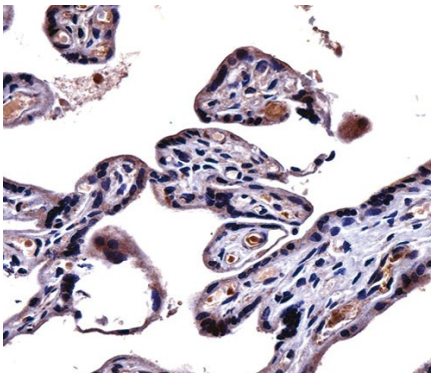
References

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) :

Images



All lanes : Anti-IL9R Antibody (Center) at 1:1000 dilution Lane 1: PC-3 whole cell lysate Lane 2: NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 60kDa Blocking/Dilution buffer: 5% NFDM/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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.