

## Rabbit anti-Human, mouse IL9R Polyclonal Antibody | anti-IL9R antibody

IL9R Antibody (Center)

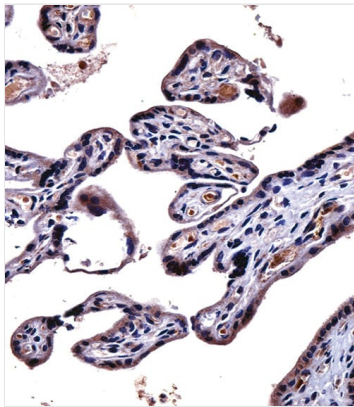
| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA289881 | Rabbit | Human, mouse | Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

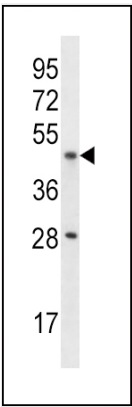
IL9R; Polyclonal Antibody; IL9R Antibody (Center); Interleukin-9 receptor; IL-9 receptor; IL-9R; CD129; anti-IL9R antibody

### PRODUCT SPECIFICATIONS

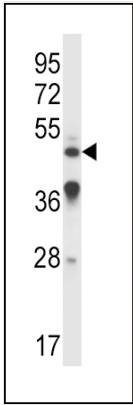
|                                                |                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                       |
| Reactivity                                     | Human, mouse                                                                                                                                                                 |
| Clonality                                      | Polyclonal                                                                                                                                                                   |
| Isotype                                        | Rabbit Ig                                                                                                                                                                    |
| 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.            |
| Purity/Purification                            | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/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. |
| Concentration                                  | Vial Concentration: 0.35 (varies by lot)                                                                                                                                     |
| Sequence Positions                             | 170-199                                                                                                                                                                      |
| Sequence Length                                | 342                                                                                                                                                                          |
| Applicable Applications for anti-IL9R antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                         |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                 | HUMAN                                                                                                                                                                        |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



**IHC (Immunohistochemisry)**  
IL9R Antibody (Center) (AAA289881)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.



**WB (Western Blot)**  
IL9R Antibody (Center) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the IL9R antibody detected the IL9R protein (arrow).



**WB (Western Blot)**  
IL9R Antibody (Center) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the IL9R antibody detected the IL9R protein (arrow).

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-IL9R antibody | 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. |
| Product Categories/Family for anti-IL9R antibody   | Immunology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| References                                         | Romero, R., et al. Am. J. Obstet. Gynecol. 203 (4), 361 (2010) :<br>McCanlies, E.C., et al. J. Occup. Environ. Med. 52(7):680-684(2010)<br>Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010)<br>Romero, R., et al. Am. J. Obstet. Gynecol. 202 (5), 431 (2010) :<br>Yokoyama, K., et al. Nephron Clin Pract 115 (4), C237-C243 (2010) :                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 29171682                               |
| NCBI GeneID                      | 3581                                   |
| NCBI Accession #                 | NP_002177.2; NP_789743.2               |
| NCBI GenBank Nucleotide #        | NM_002186.2                            |
| UniProt Accession #              | Q01113; Q14634; Q8WWU1; Q96TF0; B9ZVT0 |
| Molecular Weight                 | 57147                                  |
| NCBI Official Full Name          | interleukin-9 receptor isoform 1       |
| NCBI Official Synonym Full Names | interleukin 9 receptor                 |
| NCBI Official Symbol             | IL9R                                   |
| NCBI Official Synonym Symbols    | CD129; IL-9R                           |
| NCBI Protein Information         | interleukin-9 receptor                 |
| UniProt Protein Name             | Interleukin-9 receptor                 |
| UniProt Gene Name                | IL9R                                   |
| UniProt Synonym Gene Names       | IL-9 receptor; IL-9R                   |
| UniProt Entry Name               | IL9R_HUMAN                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/il9r-antibody-immunohistochemistry-western-blot-elisa/289881>