

## Product datasheet for **TA371916S**

### IL9R Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Jurkat RAW264.7 HUVEC and A549 cell lysates IHC: 25-100 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human IL9R
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	57 kDa
Gene Name:	interleukin 9 receptor
Database Link:	<a href="#">Entrez Gene 3581 Human Q01113</a>



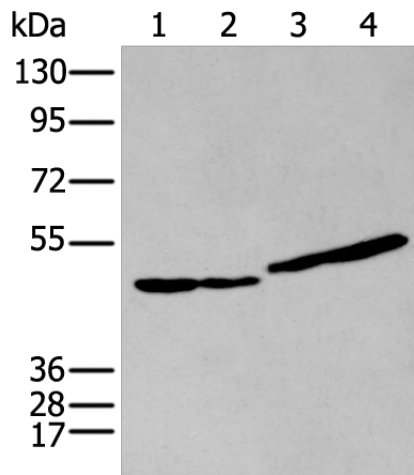
[View online »](#)

**Background:**

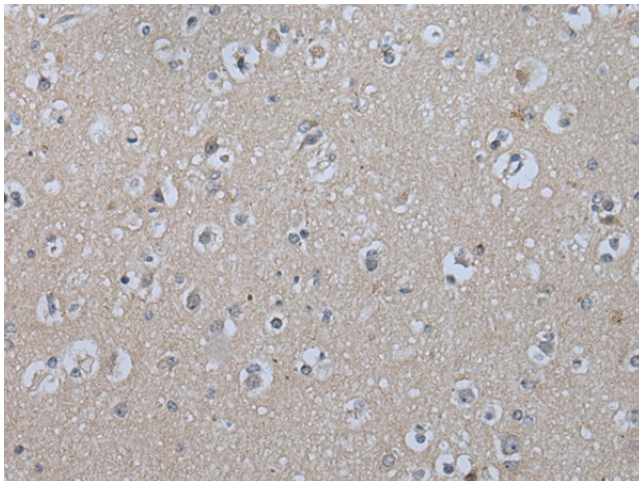
The protein encoded by this gene is a cytokine receptor that specifically mediates the biological effects of interleukin 9 (IL9). The functional IL9 receptor complex requires this protein as well as the interleukin 2 receptor, gamma (IL2RG), a common gamma subunit shared by the receptors of many different 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.

**Synonyms:**

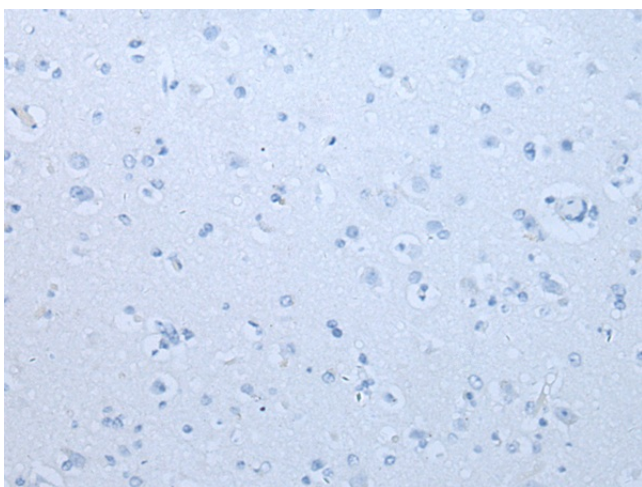
CD129; IL-9R

**Product images:**


Gel: 8%SDS-PAGE  
 Lysate: 40 µg  
 Lane 1-4: Jurkat  
 RAW264.7  
 HUVEC and A549 cell lysates  
 Primary antibody: [TA371916] (IL9R Antibody) at dilution 1/200  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
 Exposure time: 15 seconds



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA371916] (IL9R Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA371916] (IL9R Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: x200)