

## Product datasheet for **TA326661**

### IL9 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	IL-9 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human IL-9.
Formulation:	IL-9 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	IL-9 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 13 kDa; Observed: 22 kDa
Gene Name:	interleukin 9
Database Link:	<a href="#">NP_000581</a> <a href="#">Entrez Gene 3578 Human P15248</a>
Background:	Interleukin 9 (IL-9) is a cytokine secreted by TH2 lymphocytes that acts as a regulator of a variety of hematopoietic cells, stimulates cell proliferation and prevents apoptosis (1,2). It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins (3). The IL-9 gene has been identified as a candidate gene for asthma (4). Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness (5).
Synonyms:	HP40; IL-9; P40

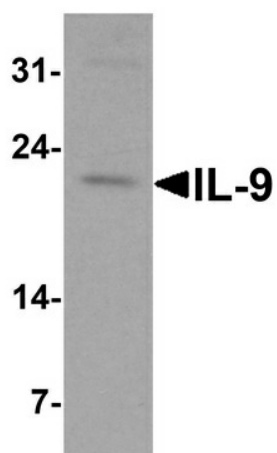


[View online »](#)

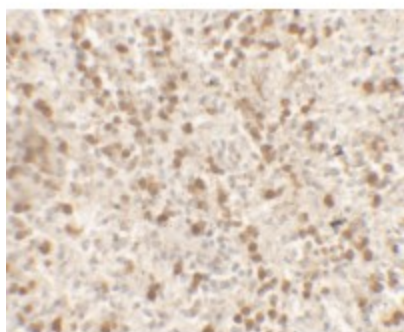
Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Asthma, Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway

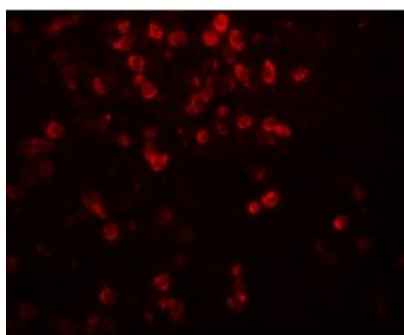
### Product images:



Western blot analysis of IL-9 in human spleen tissue lysate at 1 ug/ml.



Immunohistochemistry of IL-9 in human spleen tissue with IL-9 antibody at 5 ug/mL.



Immunofluorescence of IL-9 in human spleen tissue with IL-9 antibody at 20 ug/mL.