

Product datasheet for **TA319313**

IL9 Rabbit Polyclonal Antibody

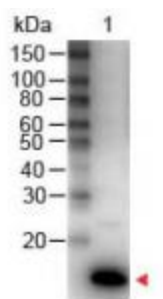
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:10,000-1:50,000, WB: 1:1000-1:5,000, IHC: 1:500-1:2,500
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This purified antibody was prepared from whole rabbit serum produced by repeated immunizations with full length recombinant human IL-9 protein.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Conjugation:	Peroxidase
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	interleukin 9
Database Link:	NP_000581 Entrez Gene 3578 Human P15248
Synonyms:	HP40; IL-9; P40
Note:	IL-9 is a cytokine that acts as a regulator of a variety of hematopoietic cells. This cytokine stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. The gene encoding this cytokine has been identified as a candidate gene for asthma. Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness.
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Asthma, Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway



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Product images:



Western Blot of Rabbit anti-IL-9 Antibody
Peroxidase Conjugated Lane 1: Human IL-9 Load:
50 ng per lane Secondary antibody: IL-9 Antibody
Peroxidase Conjugated at 1:1,000 for 30 min at
RT Block: MB-070 for 30 min RT
Predicted/Observed size: 14 kDa, 14 kDa