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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54331_P050-Biotin
Product Page	www.avivasysbio.com/il9-antibody-middle-region-biotin-arp54331-p050-biotin.html
Name	IL9 Antibody - middle region : Biotin (ARP54331_P050-Biotin)
Protein Size (# AA)	144 amino acids
Molecular Weight	14kDa
Conjugation	Biotin
NCBI Gene Id	3578
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Interleukin 9
Alias Symbols	P40, HP40, IL-9
Peptide Sequence	Synthetic peptide located within the following region: SQMINTMQTRYPLIFSRVKKSVEVLKNNKCPYFSCEQPCNQTTAGNALT
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Wu,B., (2008) Clin. Immunol. 126 (2), 202-210
Description of Target	IL9 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 IL9 has been identified as a candidate gene for asthma. Genetic studies on a mouse model of asthma demonstrated that IL9 is a determining factor in the pathogenesis of bronchial hyperresponsiveness. The protein encoded by this gene 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	SNTA1; IL9R; STAT5A;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-IL9 (ARP54331_P050-Biotin) antibody
Blocking Peptide	For anti-IL9 (ARP54331_P050-Biotin) antibody is Catalog # AAP54331 (Previous Catalog # AAPP31079)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human IL9
Uniprot ID	P15248
Protein Name	Interleukin-9
Protein Accession #	NP_000581
Purification	Affinity Purified
Nucleotide Accession #	NM_000590
Gene Symbol	IL9
Predicted Species Reactivity	Human, Rat, Guinea Pig, Horse

Application	WB
Predicted Homology Based on Immunogen Sequence	Guinea Pig: 77%; Horse: 77%; Human: 100%; Rat: 83%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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