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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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| | |
|----------------------------|--|
| Product Number | ARP55616_P050-Biotin |
| Product Page | www.avivasysbio.com/il15-antibody-n-terminal-region-biotin-arp55616-p050-biotin.html |
| Name | IL15 Antibody - N-terminal region : Biotin (ARP55616_P050-Biotin) |
| Protein Size (# AA) | 162 amino acids |
| Molecular Weight | 13kDa |
| Conjugation | Biotin |
| NCBI Gene Id | 3600 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Gene Full Name | Interleukin 15 |
| Alias Symbols | IL-15 |
| Peptide Sequence | Synthetic peptide located within the following region: RISKPHILRSISIQCYLCLLNSHFLTEAGIHVFILGCFESAGLPKTEANWV |
| Product Format | Liquid. Purified antibody supplied in 1x PBS buffer. |
| Reference | Pistilli, E.E., (er) Cytokine (2008) In press |
| Description of Target | IL15 is a cytokine that regulates T and natural killer cell activation and proliferation. This cytokine and interleukine 2 share many biological activities. They are found to bind common hematopoietin receptor subunits, and may compete for the same receptor, and thus negatively regulate each other's activity. The number of CD8+ memory cells is shown to be controlled by a balance between this cytokine and IL2. This cytokine induces the activation of JAK kinases, as well as the phosphorylation and activation of transcription activators STAT3, STAT5, and STAT6. Studies of the mouse counterpart suggested that this cytokine may increase the expression of apoptosis inhibitor BCL2L1/BCL-x(L), possibly through the transcription activation activity of STAT6, and thus prevent apoptosis. The protein encoded by this gene is a cytokine that regulates T and natural killer cell activation and proliferation. This cytokine and interleukine 2 share many biological activities. They are found to bind common hematopoietin receptor subunits, and may compete for the same receptor, and thus negatively regulate each other's activity. The number of CD8+ memory cells is shown to be controlled by a balance between this cytokine and IL2. This cytokine induces the activation of JAK kinases, as well as the phosphorylation and activation of transcription activators STAT3, STAT5, and STAT6. Studies of the mouse counterpart suggested that this cytokine may increase the expression of apoptosis inhibitor BCL2L1/BCL-x(L), possibly through the transcription activation activity of STAT6, and thus prevent apoptosis. Two alternatively spliced transcript variants of this gene encoding the same protein have been reported. |
| Protein Interactions | ZNRD1; TRAF3; STAT5B; APP; IL15RA; IL2RG; IL2RB; |
| 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-IL15 (ARP55616_P050-Biotin) antibody |
| Blocking Peptide | For anti-IL15 (ARP55616_P050-Biotin) antibody is Catalog # AAP55616 (Previous Catalog # AAPP34241) |
| Immunogen | The immunogen is a synthetic peptide directed towards the N terminal region of human IL15 |
| Uniprot ID | P40933 |
| Protein Name | Interleukin-15 |
| Protein Accession # | NP_751914 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_172174 |

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| Gene Symbol | IL15 |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Sheep |
| Application | WB |
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%; Sheep: 100% |
| 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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