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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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	ARP59084_P050-Biotin
Product Page	www.avivasysbio.com/il7r-antibody-middle-region-biotin-arp59084-p050-biotin.html
Name	IL7R Antibody - middle region : Biotin (ARP59084_P050-Biotin)
Protein Size (# AA)	459 amino acids
Molecular Weight	49kDa
Subunit	alpha
Conjugation	Biotin
NCBI Gene Id	3575
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Interleukin 7 receptor
Alias Symbols	ILRA, CD127, IL7RA, CDW127, IL-7R-alpha
Peptide Sequence	Synthetic peptide located within the following region: ESFLDCQIHRVDDIQRDEVEGFLQDTFPQOLEESEKQRLGGDVQSPNCP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The protein encoded by this gene is a receptor for interleukine 7 (IL7). The function of this receptor requires the interleukin 2 receptor, gamma chain (IL2RG), which is a common gamma chain shared by the receptors of various cytokines, including interleukine 2, 4, 7, 9, and 15. This protein has been shown to play a critical role in the V(D)J recombination during lymphocyte development. This protein is also found to control the accessibility of the TCR gamma locus by STAT5 and histone acetylation. Knockout studies in mice suggested that blocking apoptosis is an essential function of this protein during differentiation and activation of T lymphocytes. The functional defects in this protein may be associated with the pathogenesis of the severe combined immunodeficiency (SCID).
Protein Interactions	KIT; JAK3; SNRPG; SNRPD3; SNRPD2; SNRPD1; SNRPB; SNRPA; SNRNP70; SRSF3; SAFB; RPS20; RPS3; RPL31; RPL29; RPL30; RPL22; RPL18; RPL15; RPL8; RPL7; RPL6; RBM3; PURB; PURA; PTMA; PTBP1; EIF2AK2; YBX1; NONO; NCL; MAP4; RPSA; ILF3; ILF2; HNRNPU; HNRNPL; HNRNPH3
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-IL7R (ARP59084_P050-Biotin) antibody
Blocking Peptide	For anti-IL7R (ARP59084_P050-Biotin) antibody is Catalog # AAP59084 (Previous Catalog # AAPP45764)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human IL7R
Uniprot ID	P16871
Protein Name	Interleukin-7 receptor subunit alpha
Protein Accession #	NP_002176
Purification	Affinity Purified
Nucleotide Accession #	NM_002185
Gene Symbol	IL7R
Predicted Species Reactivity	Human, Dog, Horse
Application	WB

Predicted Homology Based on Immunogen Sequence	Dog: 92%; Horse: 83%; Human: 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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