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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	ARP54362_P050-HRP
Product Page	www.avivasysbio.com/il7-antibody-c-terminal-region-hrp-arp54362-p050-hrp.html
Name	IL7 Antibody - C-terminal region : HRP (ARP54362_P050-HRP)
Protein Size (# AA)	177 amino acids
Molecular Weight	19kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	3574
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	interleukin 7
Alias Symbols	IL-7
Peptide Sequence	Synthetic peptide located within the following region: LKVSEGTTILLNCTGQVKGRKPAALGQAQPTKSLEENKSLKEQKKLNDLC
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	The protein encoded by this gene is a cytokine important for B and T cell development. This cytokine and the hepatocyte growth factor (HGF) form a heterodimer that functions as a pre-pro-B cell growth-stimulating factor. This cytokine is found to be a cofactor for V(D)J rearrangement of the T cell receptor beta (TCRB) during early T cell development. This cytokine can be produced locally by intestinal epithelial and epithelial goblet cells, and may serve as a regulatory factor for intestinal mucosal lymphocytes. Knockout studies in mice suggested that this cytokine plays an essential role in lymphoid cell survival. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional splice variants have been described but their presence in normal tissues has not been confirmed.
Protein Interactions	CEBPE; APP; IL2RG; IL7R;
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-IL7 (ARP54362_P050-HRP) antibody
Blocking Peptide	For anti-IL7 (ARP54362_P050-HRP) antibody is Catalog # AAP54362
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human IL7
Uniprot ID	P13232
Protein Name	Interleukin-7
Purification	Affinity Purified
Gene Symbol	IL7
Predicted Species Reactivity	Human, Cow, Dog, Horse, Pig, Sheep, Yeast
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 86%; Horse: 93%; Human: 100%; Pig: 100%; Sheep: 93%; Yeast: 85%

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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