



Rabbit Anti-Human IL7R Polyclonal antibody (DPABH-28642)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	CD127/IL7R fusion protein, sequence: KRIKPIVWPSLDPDKKTLLEHLCKKPRKNLNVSFNPESFLDCQIHRVDDIQARDEVEGFLQ DTFPQQLEESEKQRLGGDVQSPNCPSVEDVVITPESFGRDSSLTCAGNVSACDAPILSPS RSLCDRESGKNGPHVYQDLLSLGTTNSTLPPPFSLQSGILTNPVAQQQPILTSLSNQ EEAYVTMSSFYQNQ (266-459aa encoded by BC067537)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, IP, FC, ELISA
Positive Control	mouse thymus tissue, K-562 cells
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquoting is unnecessary for -20°C storage.

BACKGROUND

Introduction

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). Alternatively spliced transcript variants have been found for this gene.

Keywords

IL7R; interleukin 7 receptor; ILRA; CD127; IL7RA; CDW127; IL-7R-alpha; interleukin-7 receptor subunit alpha; IL-7RA; CD127 antigen; IL-7R subunit alpha; IL-7 receptor subunit alpha; interleukin 7 receptor alpha chain; interleukin 7 receptor isoform H5-6;

GENE INFORMATION

Entrez Gene ID

[3575](#)

UniProt ID

[P16871](#)