



Anti-IL7 polyclonal antibody (CPBT-65416RM)

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

PRODUCT INFORMATION

Product Overview	Rabbit anti Mouse Interleukin-7 antibody recognizes mouse interleukin-7 (IL-7). The biological activity of IL-7 includes stimulating the proliferation of pre-B cells, pro-B cells and activated T cells and inducing the synthesis of other inflammatory mediators, such as IL-1, IL-6 and MIP.
Specificity	IL7
Immunogen	Recombinant mouse IL-7
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Conjugate	Unconjugated
Applications	ELISA; FA; WB
Format	Purified IgG - lyophilised
Size	100 µg
Preservative	None
Storage	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. For long term storage, the addition of 0.09% sodium azide is recommended. N.B. For functional studies do not add azide.

GENE INFORMATION

Gene Name [IL7 interleukin 7 \[Mus musculus \(house mouse\) \]](#)

Official Symbol	IL7
Synonyms	IL7; interleukin 7; IL-7; hlb368; A630026I06Rik; interleukin-7;
Entrez Gene ID	16196
Protein Refseq	NP_032397
UniProt ID	P10168
Chromosome Location	3 A1; 3 2.02 cM
Pathway	Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response (BioCarta); Hematopoietic cell lineage; Immune System; Interleukin-7 signaling; Jak-STAT signaling pathway; PI3K-Akt signaling pathway;
Function	cytokine activity; cytokine receptor binding; growth factor activity; interleukin-7 receptor binding;