



# Anti-IL21 polyclonal antibody (CPBT-67957RM)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit anti Mouse Interleukin-21 antibody recognizes mouse interleukin-21 (IL-21), a pleiotropic cytokine and member of the IL-15/IL-21 family, secreted by stimulated CD4+ T cells, which enhances stimulated B-cell proliferation/differentiation, the proliferation of bone marrow progenitor cells, and increases the activity of NK cells and disease-specific CD8+ T-cells. IL-21 signals through binding to the specific type I cytokine receptor IL-21R, coupled with the common cytokine receptor g chain (gc), initiating the activation of the JAK/STAT signalling pathway. ELISA This antibody may be used in an indirect ELISA.
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<b>Specificity</b>	IL21
<b>Immunogen</b>	Recombinant mouse IL-21
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA; WB
<b>Format</b>	Purified IgG - lyophilised.
<b>Size</b>	50 µl
<b>Preservative</b>	None
<b>Storage</b>	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

Gene Name	<a href="#">IL21 interleukin 21 [ Mus musculus (house mouse) ]</a>
Official Symbol	IL21
Synonyms	IL21; interleukin 21; IL-21; interleukin-21;
Entrez Gene ID	<a href="#">60505</a>
Protein Refseq	<a href="#">NP_001277970</a>
UniProt ID	Q9ES17
Chromosome Location	3 B; 3
Pathway	Cytokine-cytokine receptor interaction; Inflammatory bowel disease (IBD); Jak-STAT signaling pathway;
Function	cytokine activity; cytokine receptor binding; interleukin-2 receptor binding;