



Rabbit Anti-Human IL12RB2 Polyclonal Antibody (CABT-L916R)

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

PRODUCT INFORMATION

Immunogen	IL12RB2 (NP_001550.1, aa1-862) full-length human protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	Supplied in 1xPBS, pH 7.4.
Preservative	None
Storage	Store at -20 °C or lower. Aliquot to avoid repeated freezing and thawing.
Ship	Dry ice

BACKGROUND

Introduction

IL12RB2 (Interleukin 12 Receptor Subunit Beta 2) is a Protein Coding gene. Diseases associated with IL12RB2 include behcets disease and sinusitis. Among its related pathways are Immune System and Interleukin-3, 5 and GM-CSF signaling. GO annotations related to this gene include protein kinase binding and cytokine receptor activity. An important paralog of this gene is CSF3R. The protein encoded by this gene is a type I transmembrane protein identified as a subunit of the interleukin 12 receptor complex. The coexpression of this and IL12RB1 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. The expression of this gene is up-regulated by interferon gamma in Th1 cells, and plays a role in Th1 cell differentiation. The up-regulation of this gene is found to be associated with a number of infectious diseases, such as Crohn's disease and leprosy, which is thought to contribute to the inflammatory response and host defense. Several transcript variants encoding different isoforms and non-protein coding transcripts have been found for this gene.

Keywords

IL-12 receptor beta 2;OTTHUMP00000010662;interleukin-12 receptor beta-2 chain

GENE INFORMATION

Entrez Gene ID

[3595](#)

UniProt ID

[B4DGA4](#)
