

Anti-IL-12(p40) Antibody

Catalog # ABO12713

Product Information

Application	WB
Primary Accession	Q9R278
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Interleukin-12 subunit beta(IL12B) detection. Tested with WB in Rat.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Calculated MW	38413 Da
Application Details	Western blot, 0.1-0.5 µg/ml, Rat
Protein Name	Interleukin-12 subunit beta
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	E.coli-derived rat IL-12(p40) recombinant protein (Position: M23-S321).
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Sequence Similarities	Belongs to the type I cytokine receptor family. Type 3 subfamily.

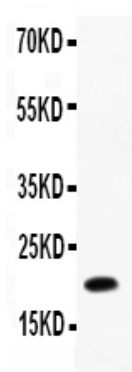
Protein Information

Background

Subunit beta of interleukin 12, also known as interleukin 12B, or IL12B, is a subunit of human interleukin 12. It is mapped to 5q33.3. This cytokine is expressed by activated macrophages that serve as an essential inducer of Th1 cells development. This cytokine has been found to be important for sustaining a sufficient number of memory/effector Th1 cells to mediate long-term protection to an intracellular pathogen.

Overexpression of this gene was observed in the central nervous system of patients with multiple sclerosis (MS), suggesting a role of this cytokine in the pathogenesis of the disease.

Images



Anti-IL-12(p40) Picoband antibody, ABO12713 All lanes:
Anti-IL-12(p40)(ABO12713) at 0.5ug/ml WB: Recombinant
Rat IL-12(p40) Protein 0.5ng Predicted bind size:
20KD Observed bind size: 20KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.