

Datasheet for ABIN1538036  
**anti-IL12B antibody (AA 196-222)**



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1 Image

## Overview

Quantity:	400 µL
Target:	IL12B
Binding Specificity:	AA 196-222
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL12B antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This Mouse Il12b antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 196-222 amino acids from the Central region of mouse Il12b.
Clone:	RB38646
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	IL12B
Alternative Name:	Il12b ( <a href="#">IL12B Products</a> )
Background:	Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity

## Target Details

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of NK/lymphokine-activated killer cells, and stimulate the production of IFN-gamma by resting PBMC (By similarity). Associates with IL23A to form the IL-23 interleukin, an heterodimeric cytokine which functions in innate and adaptive immunity. IL-23 may constitute with IL-17 an acute response to infection in peripheral tissues. IL-23 binds to an heterodimeric receptor complex composed of IL12RB1 and IL23R, activates the Jak-Stat signaling cascade, stimulates memory rather than naive T-cells and promotes production of proinflammatory cytokines. IL-23 induces autoimmune inflammation and thus may be responsible for autoimmune inflammatory diseases and may be important for tumorigenesis.

Molecular Weight: 38235

Gene ID: 16160

NCBI Accession: [NP\\_032378](#)

UniProt: [P43432](#)

Pathways: [JAK-STAT Signaling](#), [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Activated T Cell Proliferation](#)

## Application Details

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Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

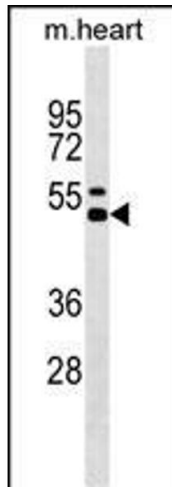
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Mouse Il12b Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



### Western Blotting

**Image 1.** Mouse Il12b Antibody (Center) (ABIN1538036 and ABIN2850145) western blot analysis in mouse heart tissue lysates (35 µg/lane). This demonstrates the Il12b antibody detected the Il12b protein (arrow).