

Datasheet for ABIN238549  
**anti-IL12B antibody (Internal Region)**[Go to Product page](#)

2 Images

1 Publication

## Overview

Quantity:	100 µg
Target:	IL12B
Binding Specificity:	Internal Region
Reactivity:	Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IL12B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	IL12b / IL12p40 (mouse)
Immunogen:	C-EARQQNKYENYS
Sequence:	EARQQNKYEN YS
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	IL12B
Alternative Name:	Il12b ( <a href="#">IL12B Products</a> )
Background:	IL12B, Il12p40, interleukin 12B, RP23-388G23.1, Il-12b, Il-12p40, p40, IL-12 p40, IL-23 subunit p40
Gene ID:	16160, 64546
NCBI Accession:	<a href="#">NP_032378</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Activated T Cell Proliferation</a>

## Application Details

Application Notes:	Western Blot: Approx 38 kDa band observed in Mouse and Rat Skin lysates (calculated MW of 38.2 kDa according to Mouse NP_032378.1 and 38.4 kDa according to Rat NP_072133.1). Recommended concentration: 0.3-1 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

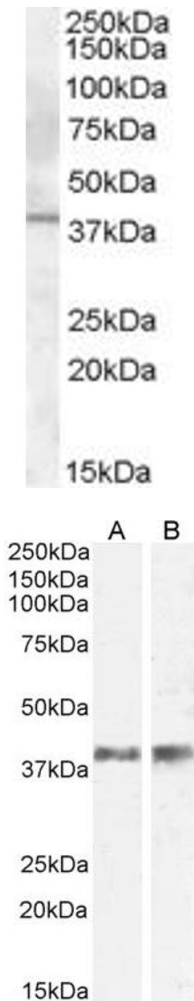
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in: Gui, Xiong, Yang, Li, Huang: "Effects of acupuncture on LIF and IL-12 in rats of implantation failure." in: **American journal of reproductive immunology (New York, N.Y. : 1989)**, Vol. 67, Issue 5, pp. 383-90, (2012) ([PubMed](#)).

Images



**Image 1.** ABIN238549 (1µg/ml) staining of Rat Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Western Blotting**

**Image 2.** ABIN238549 (0.5µg/ml) staining of Mouse (A) and Rat (B) Skin lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.