

Datasheet for ABIN190760
anti-IL12B antibody (Internal Region)[Go to Product page](#)

3 Images

Overview

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

Product Details

Purpose:	IL12B / IL12p40
Immunogen:	Peptide with sequence C-QGKSKREKKDRVFTD, from the internal region of the protein sequence according to NP_002178.2.
Sequence:	QGKSKREKKD RVFTD
Isotype:	IgG
Cross-Reactivity:	Human
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 (IL12B Products)
Background:	IL12B, interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40) , CLMF, CLMF2, IL-12B, NKSF, NKSF2, IL12, subunit p40, cytotoxic lymphocyte maturation factor 2, p40, interleukin 12, p40, interleukin 12B, in
Gene ID:	3593
NCBI Accession:	NP_002178
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

Application Notes:	Western Blot: Approx 37 kDa band observed in Human Liver, Skin and Tonsil lysates (calculated MW of 37.2 kDa according to NP_002178.2). Recommended concentration: 0.3-1 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:128000.
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.

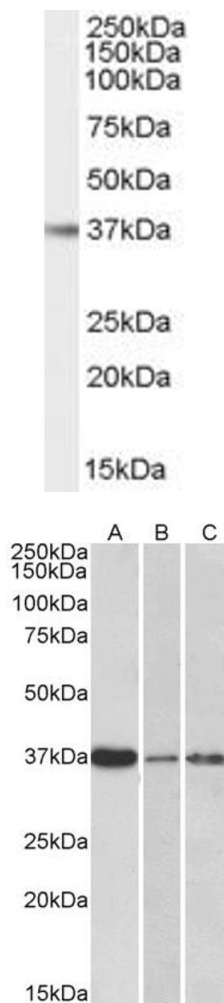
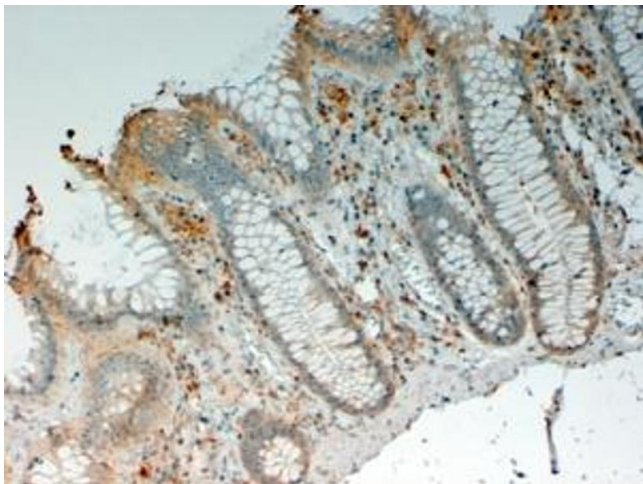


Image 1. ABIN190760 (0.1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Western Blotting

Image 2. ABIN190760 (0.3µg/ml) staining of Human Liver (A), Skin (B) and Tonsil (C) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN190760 (4µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 9, HRP-staining. Data obtained from previous batch (goat).