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# anti-IL12B antibody (AA 23-328)

3 Images



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Quantity:	100 μg
Target:	IL12B
Binding Specificity:	AA 23-328
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL12B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

### **Product Details**

Immunogen:	Recombinant Human Interleukin-12 subunit beta protein (23-328AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

## Target Details

Target:	IL12B
Alternative Name:	IL12B (IL12B Products)
Background:	Background: Cytokine that can act as a growth factor for activated T and NK cells, enhance the
	lytic activity of NK/lymphokine-activated killer cells, and stimulate the production of IFN-gamma

by resting PBMC. Ref.12Associates 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.

Aliases: CLMF antibody, CLMF p40 antibody, CLMF2 antibody, Cytotoxic lymphocyte maturation factor 40 kDa subunit antibody, IL 12B antibody, IL-12 subunit p40 antibody, IL-12B antibody, IL12 p40 antibody, IL12B antibody, IL12B\_HUMAN antibody, IMD28 antibody, IMD29 antibody, Interleukin 12 beta chain antibody, Interleukin 12 p40 antibody, Interleukin-12 subunit beta antibody, NK cell stimulatory factor chain 2 antibody, NKSF antibody, NKSF2 antibody

UniProt:

P29460

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

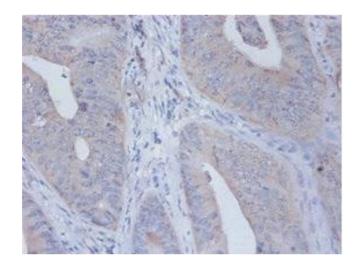
#### **Application Details**

Application Notes:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,
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Restrictions: For Research Use only

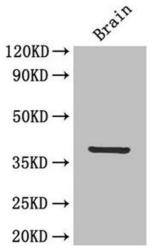
#### Handling

Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



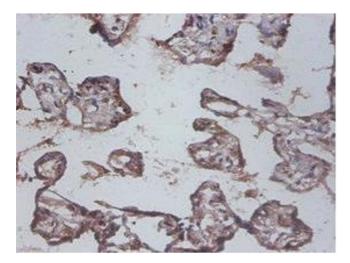
#### **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7156785 at dilution of 1:100



#### **Western Blotting**

**Image 2.** Western Blot Positive WB detected in: Mouse brain tissue All lanes: IL12B antibody at  $4 \, \mu g/mL$  Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size:  $38 \, kDa$  Observed band size:  $38 \, kDa$ 



#### **Immunohistochemistry**

**Image 3.** Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7156785 at dilution of 1:100