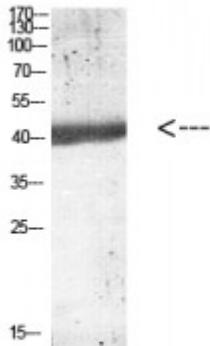


## Anti-IL-12B p40 antibody



<b>Description</b>	Rabbit polyclonal to IL-12B p40.
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<b>Model</b>	STJ98797
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	Synthetic peptide from human IL-12B p40 protein.
<b>Immunogen Region</b>	241-290 aa
<b>Gene ID</b>	<a href="#">3593</a>
<b>Gene Symbol</b>	<a href="#">IL12B</a>
<b>Dilution range</b>	WB 1:500-2000IHC-P 1:50-300ELISA 1:5000-20000
<b>Specificity</b>	The antibody detects endogenous IL-12B p40.
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Interleukin-12 subunit beta IL-12B Cytotoxic lymphocyte maturation factor 40 kDa subunit CLMF p40 IL-12 subunit p40 NK cell stimulatory factor chain 2 NKSF2
<b>Molecular Weight</b>	40kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated

<b>Isotype</b>	IgG
<b>Formulation</b>	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:5970</a> <a href="#">OMIM:161561</a>
<b>Alternative Names</b>	Interleukin-12 subunit beta IL-12B Cytotoxic lymphocyte maturation factor 40 kDa subunit CLMF p40 IL-12 subunit p40 NK cell stimulatory factor chain 2 NKSF2
<b>Function</b>	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. Associates with IL23A to form the IL-23 interleukin, a 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 a 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.
<b>Cellular Localization</b>	Secreted.
<b>Post-translational Modifications</b>	Known to be C-mannosylated in the recombinant protein; it is not yet known for sure if the wild-type protein is also modified.

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