

IL-12A p35 Polyclonal Antibody

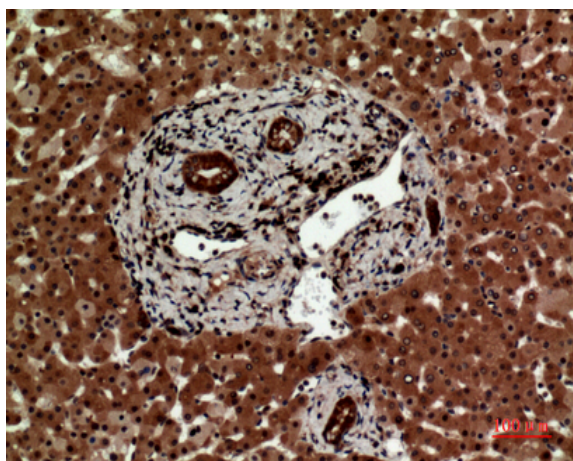
Catalog No :	YT5442
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	IL-12A
Fields :	>>Cytokine-cytokine receptor interaction;>>Toll-like receptor signaling pathway;>>RIG-I-like receptor signaling pathway;>>C-type lectin receptor signaling pathway;>>JAK-STAT signaling pathway;>>Th1 and Th2 cell differentiation;>>Alcoholic liver disease;>>Type I diabetes mellitus;>>Pertussis;>>Legionellosis;>>Leishmaniasis;>>Chagas disease;>>African trypanosomiasis;>>Malaria;>>Toxoplasmosis;>>Amoebiasis;>>Tuberculosis;>>Measles;>>Influenza A;>>Herpes simplex virus 1 infection;>>Coronavirus disease - COVID-19;>>Pathways in cancer;>>Inflammatory bowel disease;>>Allograft rejection;>>Lipid and atherosclerosis
Gene Name :	IL12A
Protein Name :	Interleukin-12 subunit alpha
Human Gene Id :	3592
Human Swiss Prot No :	P29459
Mouse Swiss Prot No :	P43431
Immunogen :	The antiserum was produced against synthesized peptide derived from the Internal region of human IL12A. AA range:31-80
Specificity :	IL-12A p35 Polyclonal Antibody detects endogenous levels of IL-12A p35 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG

Dilution :	WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	35kD
Cell Pathway :	Cytokine-cytokine receptor interaction;Toll_Like;RIG-I-like receptor;Jak_STAT;Type I diabetes mellitus;Allograft rejection;
Background :	This gene encodes a subunit of a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. The cytokine is a disulfide-linked heterodimer composed of the 35-kD subunit encoded by this gene, and a 40-kD subunit that is a member of the cytokine receptor family. This cytokine is required for the T-cell-independent induction of interferon (IFN)-gamma, and is important for the differentiation of both Th1 and Th2 cells. The responses of lymphocytes to this cytokine are mediated by the activator of transcription protein STAT4. Nitric oxide synthase 2A (NOS2A/NOS2) is found to be required for the signaling process of this cytokine in innate immunity. [provided by RefSeq, Jul 2008],
Function :	function: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.,online information:Interleukin-12 entry,similarity:Belongs to the IL-6 superfamily.,subunit:Heterodimer with IL12B; disulfide-linked. The heterodimer is known as interleukin IL-12.,
Subcellular Location :	Secreted .
Expression :	Brain,Placenta,

Products Images



Western Blot analysis of MCF7 cells using IL-12A p35 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100