# IL-12A p35 Polyclonal Antibody

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| **Catalog No** | BYab-31657 |
| **Isotype** | IgG |
| **Reactivity** | Human;Rat;Mouse; |
| **Applications** | WB;IHC;IF;ELISA |
| **Gene Name** | IL12A |
| **Protein Name** | Interleukin-12 subunit alpha |
| **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 |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Dilution** | WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000.. IF 1:50-200 |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | IL12A; NKSF1; Interleukin-12 subunit alpha; IL-12A; Cytotoxic lymphocyte maturation factor 35 kDa subunit; CLMF p35; IL-12 subunit p35; NK cell stimulatory factor chain 1; NKSF1 |
| **Observed Band** | 35kD |
| **Cell Pathway** | Secreted . |
| **Tissue Specificity** | Brain,Placenta, |
| **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., |
| **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 |

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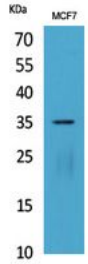
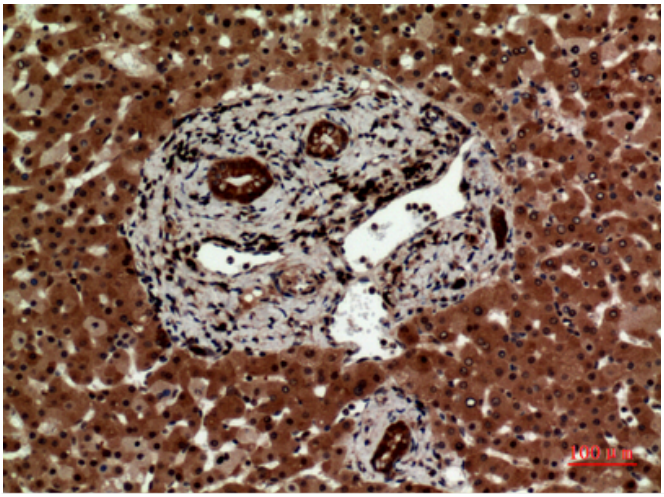
| | subunit that is a member of the cytokine receptor family. This cytokine is required for the T-cell-independent induction of interferon (IFN)-gamma, and is important for the differentiation of both Th1 and Th2 cells. The responses of lymphocytes to this cytokine are mediated by the activator of transcription 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], |
| **matters needing attention** | Avoid repeated freezing and thawing! |
| **Usage suggestions** | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

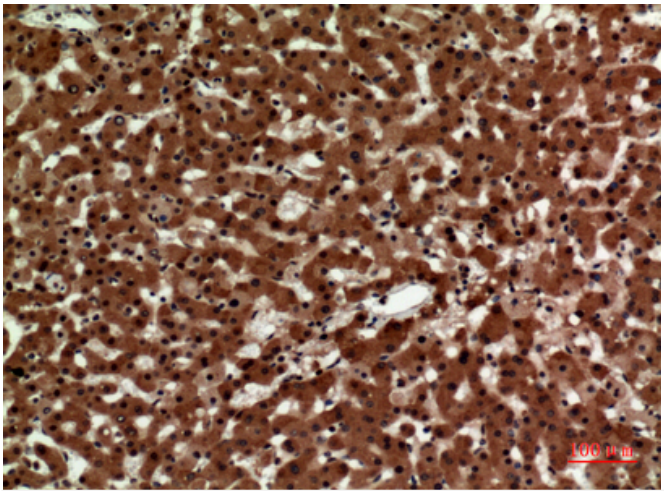
## Products Images



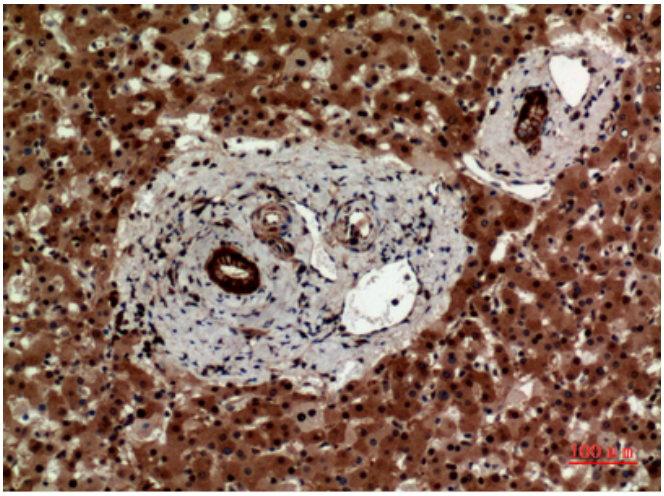

Western Blot analysis of MCF7 cells using IL-12A p35 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



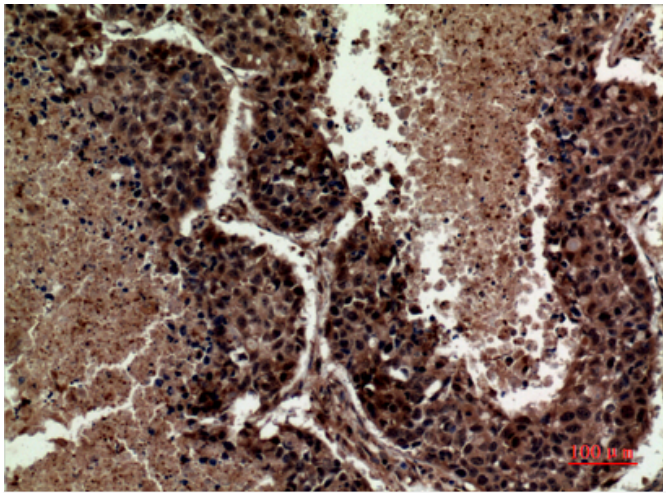
Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100

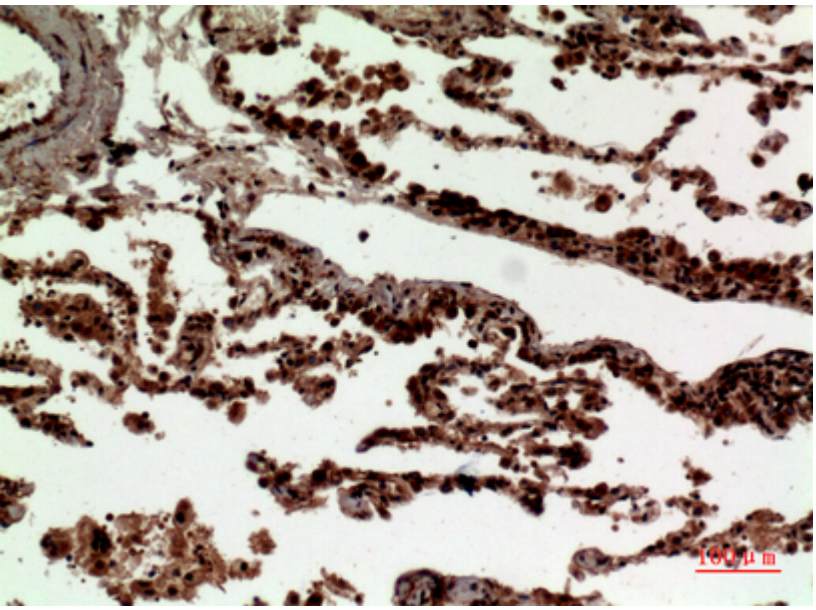


Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100




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




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