

IL12A

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 35kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human IL12A

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

P35; CLMF; NFSK; NKSF1; IL-12A;

Catalog #: A1465

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3592

Isotype: IgG

Swiss Prot: P29459

Purity: Affinity purification

For research use only.

Background:

IL-12 alpha is 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 protein (IL-12 alpha), and a 40-kD subunit (IL-12 beta) 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 (1).

To place an order, please [Click HERE](#).