10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

IL-12p40 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11056

Specification

IL-12p40 Antibody - Product Information

Application	**WB**
Primary Accession	P29460
Other Accession	NP_002178
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**37169**

IL-12p40 Antibody - Additional Information

Gene ID 3593

Application & Usage	**Western blot analysis (0.5-4 µg/ml). It detects mainly the 40 kDa of IL-12p40 isoform, and in a lesser extent the 35 kDa of IL-12p35 isoform. Recombinant human IL-12 can be used as a positive control. However, the optimal conditions should be determined individually.**

Target/Specificity
IL-12

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.5 mg/ml) affinity purified rabbit anti-human IL-12 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol and 0.01% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
IL-12p40 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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IL-12p40 Antibody - Protein Information

Name IL12B

Synonyms NKSF2

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.

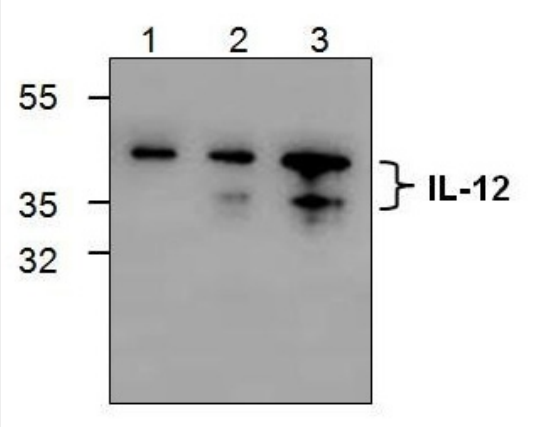
Cellular Location
Secreted.

IL-12p40 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

IL-12p40 Antibody - Images



Western blot analysis of IL-12 using recombinant human IL-12. Lane 1: 50 ng;Lane 2: 250 ng;Lane 3: 1 µg

IL-12p40 Antibody - Background

Interleukin-12 is a disulfide-linked heterodimeric protein (p70), composed of two subunits, p35 and p40, which are encoded by two different genes. Recombinant Human IL-12 p40 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 306 amino acids fragment (23-328).