



Anti-IL12A polyclonal antibody [Biotin] (DPABY-676)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | View IL-12 IHC images. |
| Specificity | Detects feline IL-12/IL-23 p40 in ELISAs and Western blots. In sandwich immunoassays, approximately 65% cross-reactivity with recombinant canine IL-12/IL-23 p40, less than 3% cross-reactivity with recombinant mouse IL-12/IL-23 p40, and less than 0.2% cross-reactivity with recombinant human IL-12/IL-23 p40 is observed. |
| Immunogen | Mouse myeloma cell line NS0-derived recombinant feline IL-12/IL-12 p40. Ile23-Ser329 (Glu167Gly) Accession Number O02744 |
| Isotype | IgG |
| Source/Host | Goat |
| Species Reactivity | Cat |
| Purification | Antigen Affinity-purified |
| Conjugate | Biotin |
| Applications | Western Blot, ELISA Detection (Matched Pair) |
| Format | Liquid |
| Size | 50 µg |
| Buffer | Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin (BSA) per 1 µg of antibody. |
| Preservative | None |

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| Storage | Lyophilized samples are stable for twelve months from date of receipt when stored at -20 °C to -70 °C. Upon reconstitution, the antibody can be stored at 2 °C to - 8 °C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20 °C to -70 °C in a manual defrost freezer for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
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GENE INFORMATION

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| Gene Name | IL12A interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35) [Felis catus (domestic cat)] |
| Official Symbol | IL12A |
| Synonyms | IL12A; interleukin-12 subunit alpha; IL-12A; CLMF p35; interleukin 12; IL-12 subunit p35; cytotoxic lymphocyte maturation factor 35 kDa subunit; |
| Entrez Gene ID | 493741 |
| Protein Refseq | NP_001009833 |
| UniProt ID | O02743 |
| Chromosome Location | chromosome: C2 |
| Pathway | African trypanosomiasis; Allograft rejection; Amoebiasis; Chagas disease (American trypanosomiasis); Cytokine-cytokine receptor interaction; Herpes simplex infection; Inflammatory bowel disease (IBD); Influenza A; |