



Anti-IL12A polyclonal antibody [Biotin] (DPABY-468)

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

PRODUCT INFORMATION

Antigen Description	View IL-12 IHC images.
Specificity	Detects mouse IL-12 in ELISAs and Western blots. In sandwich immunoassays, less than 0.1% cross-reactivity with recombinant mouse IL-12p40, recombinant human (rh) IL-23, and rhIL-23 p40 is observed.
Immunogen	S. frugiperda insect ovarian cell line Sf 21-derived recombinant mouse IL-12. p40 (Met23-Ser335, P43432) p35 (Arg23-Ala215, NP_032377)
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
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 PBS with BSA as a carrier protein.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied.

1 month, 2 to 8 °C under sterile conditions after reconstitution.
6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	IL12a interleukin 12a [Mus musculus (house mouse)]
Official Symbol	IL12A
Synonyms	IL12A; interleukin 12a; p35; LI12a; IL-12a; IL-12p35; interleukin-12 subunit alpha; CLMF p35; IL-12 subunit p35; interleukin 12a p35 subunit; cytotoxic lymphocyte maturation factor 35 kDa subunit;
Entrez Gene ID	16159
Protein Refseq	NP_001152896
UniProt ID	F8WI71
Chromosome Location	3 E1; 3 31.92 cM
Pathway	African trypanosomiasis; Allograft rejection; Amoebiasis; Chagas disease (American trypanosomiasis); Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response (BioCarta); Herpes simplex infection; Inflammatory bowel disease (IBD);
Function	contributes_to cytokine activity; cytokine activity; contributes_to growth factor activity; interleukin-12 beta subunit binding; interleukin-12 receptor binding; interleukin-27 binding; protein heterodimerization activity;