



Anti-IL12A polyclonal antibody (CPBT-65641GH)

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

PRODUCT INFORMATION

Product Overview

Rabbit anti Human Interleukin-12 antibody, recognizes human IL-12. IL-12 is a pleiotropic 75kDa heterodimeric glycoprotein, consisting of disulfide-linked IL-12A (p35) and IL-12B (p40) subunits, which signals through the high affinity IL-12 receptor. IL-12 is produced primarily by antigen presenting cells and was originally called cytotoxic lymphocyte maturation factor (CLMF), identified by its ability to induce cytotoxic effector cells, in synergy with IL-2. IL-12 is an important factor in the T helper cell (Th1) immune response, promotes the development and activity of activated T cells and natural killer cells (NK), induces IFN-gamma production, and enhances resistance against invading pathogens. ELISA Anti human IL-12:purified may be used in an indirect ELISA or as the capture reagent in a sandwich ELISA.

Specificity	IL12A
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA; FA; WB
Format	Purified IgG - lyophilised
Size	100 µg
Preservative	None
Storage	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend

microcentrifugation before use.

GENE INFORMATION

Gene Name	IL12A interleukin 12A [Homo sapiens (human)]
Official Symbol	IL12A
Synonyms	IL12A; interleukin 12A; P35; CLMF; NFSK; NKSF1; IL-12A; interleukin-12 subunit alpha; CLMF p35; IL35 subunit; IL-12, subunit p35; interleukin 12, p35; interleukin-12 alpha chain; NF cell stimulatory factor chain 1; NK cell stimulatory factor chain 1; cyto
Entrez Gene ID	3592
Protein Refseq	NP_000873
UniProt ID	P29460
Chromosome Location	3q25.33
Pathway	African trypanosomiasis; Allograft Rejection; Allograft rejection; Amoebiasis; Chagas disease (American trypanosomiasis); Cytokine-cytokine receptor interaction; Herpes simplex infection; IL12-mediated signaling events;
Function	contributes_to cytokine activity; contributes_to growth factor activity; interleukin-12 beta subunit binding; interleukin-12 receptor binding; interleukin-27 binding; protein binding; protein heterodimerization activity;