

Rabbit anti-Human IL4 Polyclonal Antibody | anti-IL4 antibody

Anti-IL4 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45001	Rabbit	Human	Immunohistochemistry, Western Blot

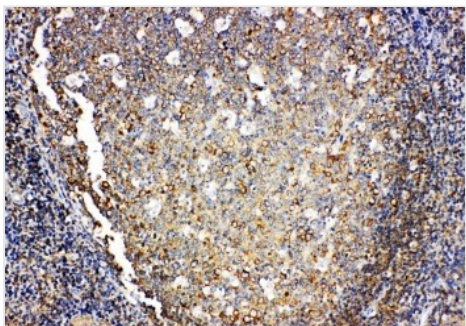
PRODUCT SYNONYMS

IL4; Polyclonal Antibody; Anti-IL4 antibody; Interleukin-4(IL-4); interleukin 4; B cell growth factor 1 antibody; B cell IgG differentiation factor antibody; B Cell Stimulatory Factor 1 antibody; B-cell stimulatory factor 1 antibody; BCGF 1 antibody; BCGF1 antibody; Binetrakin antibody; BSF 1 antibody; BSF-1 antibody; BSF1 antibody; HCGF antibody; Hodgkin's Cell Growth Factor antibody; IA Inducing Factor antibody; IGG1 induction factor antibody; IL 4 antibody; IL-4 antibody; IL4 antibody; IL4_HUMAN antibody; IL4e12 antibody; Interleukin 4 antibody; Interleukin 4; isoform 1 antibody; Interleukin-4 antibody; Interleukin4 antibody; Lymphocyte stimulatory factor 1 antibody; Macrophage fusion factor antibody; Mast cell growth factor 2 antibody; MCGF2 antibody; MFF antibody; MGC79402 antibody; Pitakinra antibody; T cell growth factor 2 antibody; TCGF2 antibody; anti-IL4 antibody

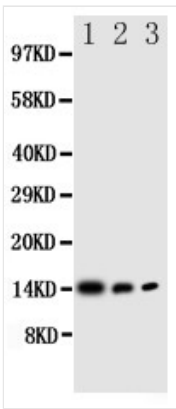
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	153
Applicable Applications for anti-IL4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human IL4 (72-88aa, AATVLRQFYSHHEKDTR).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-IL-4 antibody, AAA45001, IHC(P)IHC(P): Human Tonsil Tissue



WB (Western Blot)
Anti-IL-4 antibody, AAA45001, Western blottingAll lanes: Anti IL-4 (AAA45001) at 0.5ug/mlLane 1: Recombinant Human IL-4 Protein 10ngLane 2: Recombinant Human IL-4 Protein 5ngLane 3: Recombinant Human IL-4 Protein 2.5ngPredicted bind size: 14KDObserved bind size: 14KD

ADDITIONAL INFORMATION

Related Product Information for anti-IL4 antibody

Description: Rabbit IgG polyclonal antibody for Interleukin-4(IL4) detection. Tested with WB, IHC-P in Human.
Background: Interleukin-4(IL-4), also known as a B-cell stimulatory factor 1(BSF1), is an immunomodulatory cytokine, which can inhibit the growth of tumour cells. The human cDNA contains a single open reading frame encoding a protein of 153 amino acids, including a putative signal peptide. IL-4 may act as an autocrine growth factor in pancreatic cancer cells and also give rise to the possibility that cancer-derived IL-4 may suppress cancer-directed immunosurveillance in vivo in addition to its growth-promoting effects, thereby facilitating pancreatic tumor growth and metastasis. The mouse and human genes and their protein products show structural and functional similarities. The human IL-4 gene, which occurs as a single copy in the haploid genome, is mapped on chromosome 5. The standard product used in this kit is recombinant human IL-4, consisting of 130 amino acids with the molecular mass of 14KDa.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124337
NCBI GeneID	3565
UniProt Accession #	P05112; Q14630; Q6NZ77
Molecular Weight	15,797 Da
NCBI Official Full Name	Interleukin-4
NCBI Official Synonym Full Names	interleukin 4
NCBI Official Symbol	IL4
NCBI Official Synonym Symbols	BSF1; IL-4; BCGF1; BSF-1; BCGF-1
NCBI Protein Information	interleukin-4; binetrakin; pitrakinra; B cell growth factor 1; interleukin 4 variant 2; B_cell stimulatory factor 1; lymphocyte stimulatory factor 1
UniProt Protein Name	Interleukin-4
UniProt Gene Name	IL4
UniProt Synonym Gene Names	IL-4; BSF-1
UniProt Entry Name	IL4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/il4-antibody-immunohistochemistry-western-blot-elisa/45001>