

Rabbit Interleukin 4 Polyclonal Antibody | anti-IL4 antibody

Interleukin 4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321823	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

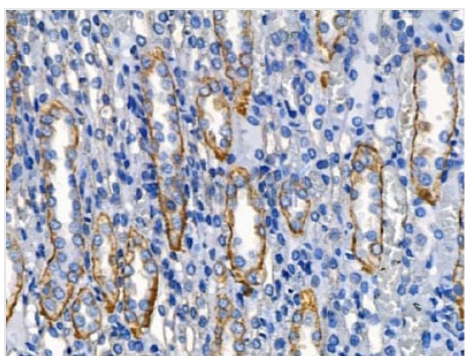
PRODUCT SYNONYMS

Interleukin 4; Polyclonal Antibody; Interleukin 4 Antibody; B cell growth factor 1; B cell IgG differentiation factor; B Cell Stimulatory Factor 1; B-cell stimulatory factor 1; BCGF 1; BCGF1; Binetrakin; BSF-1; BSF1; IGG1 induction factor; IL 4; IL-4; IL4; IL4_HUMAN; IL4e12; Interleukin 4 variant 2; isoform 1; Interleukin-4; Lymphocyte stimulatory factor 1; MGC79402; Pittrakina; anti-IL4 antibody

PRODUCT SPECIFICATIONS

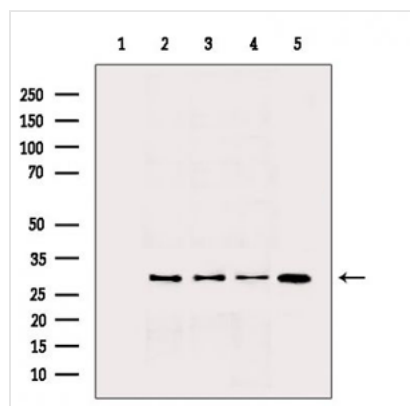
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Peptide affinity chromatography using SulfoLink Coupling Resin
Form/Format	Phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Applicable Applications for anti-IL4 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human IL4, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA321823 at 1/100 staining Rat kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from various samples, using IL4 Ab. Lane 1: Rat heart, blocked with antigen-specific peptides. Lane 2: Rat heart. Lane 3: Rat lung. Lane 4: Rat muscle. Lane 5: Rat liver.

ADDITIONAL INFORMATION

Related Product Information for anti-IL4 antibody	Participates in at least several B-cell activation processes as well as of other cell types. It is a costimulator of DNA synthesis. It induces the expression of class II MHC molecules on resting B-cells. It enhances both secretion and cell surface expression of IgE and IgG1. It also regulates the expression of the low affinity Fc receptor for IgE (CD23) on both lymphocytes and monocytes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504669
NCBI GeneID	3565
NCBI Accession #	NP_000580.1
NCBI GenBank Nucleotide #	NM_000589.3
UniProt Accession #	P05112; Q14630; Q6NZ77
Molecular Weight	17 kD, 30 kD
NCBI Official Full Name	interleukin-4 isoform 1
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
UniProt Protein Name	Interleukin-4
UniProt Gene Name	IL4
UniProt Synonym Gene Names	IL-4; BSF-1

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/interleukin-4-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/321823>