Rabbit anti-Mouse IL3 Polyclonal Antibody | anti-IL3 antibody

Anti-IL3 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254195	**Rabbit**	**Mouse**	**Immunohistochemistry**

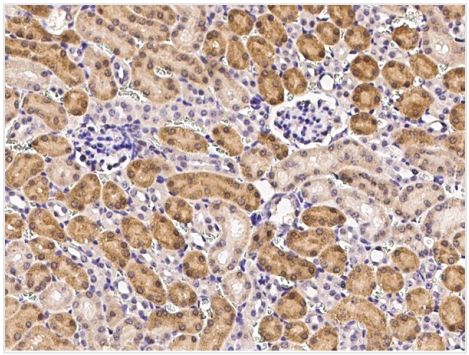
PRODUCT SYNONYMS

IL3; Polyclonal Antibody; Anti-IL3 Antibody; Rabbit Polyclonal; IL3 Antibody; Rabbit PAb; Antigen Affinity Purified; interleukin 3; Anti-BPA Antibody; Anti-Csfmu Antibody; Anti-HCGF Antibody; Anti-Il-3 Antibody; Anti-MCGF Antibody; Anti-PSF Antibody; anti-IL3 antibody

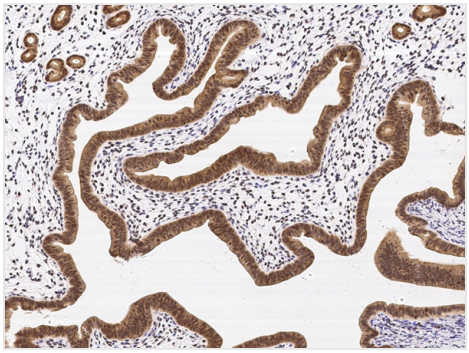
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse IL3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-IL3 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the N-terminus of the mouse IL3
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with A synthetic peptide corresponding to the N-terminus of the mouse IL3., and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunochemical staining of mouse IL3 in mouse kidney with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of mouse IL3 in mouse uterus with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-IL3 antibody	IL3 (interleukin 3), also known as IL-3, is a potent growth-promoting cytokine that belongs to the IL-3 family. IL3/IL-3 also belongs to the group of interleukins. Interleukins are produced by a wide variety of body cells. The function of the immune system depends in a large part on interleukins, and rare deficiencies of a number of them have been described, all featuring autoimmune diseases or immune deficiency. The majority of interleukins are synthesized by helper CD4+ T lymphocytes, as well as through monocytes, macrophages, and endothelial cells. They promote the development and differentiation of T, B, and hematopoietic cells. IL3/IL-3 is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is involved in a variety of cell activities such as cell growth, differentiation, and apoptosis. IL3/IL-3 has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders.
References	Meyer CG, et al.. (2011) IL3 variant on chromosomal region 5q31-33 and protection from recurrent malaria attacks. Hum Mol Genet. 20(6):1173-81.Zambrano A, et al. (2010) IL-3 controls tau modifications and protects cortical neurons from neurodegeneration. Curr Alzheimer Res. 7(7):615-24.Dentelli P, et al.. (2011) IL-3 is a novel target to interfere with tumor vasculature. Oncogene. 30(50):4930-40.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3002475
NCBI GeneID	3562
UniProt Accession #	P08700; Q6GS87
Molecular Weight	17,233 Da
NCBI Official Full Name	IL-3
NCBI Official Synonym Full Names	interleukin 3 (colony-stimulating factor, multiple)
NCBI Official Symbol	IL3
NCBI Official Synonym Symbols	IL-3; MCGF; MULTI-CSF
NCBI Protein Information	interleukin-3; mast cell growth factor; mast-cell growth factor; P-cell stimulating factor; P-cell-stimulating factor; hematopoietic growth factor; multilineage-colony-stimulating factor; multipotential colony-stimulating factor
UniProt Protein Name	Interleukin-3
UniProt Gene Name	**IL3**
UniProt Synonym Gene Names	IL-3; MCGF
UniProt Entry Name	IL3_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/il3-antibody-immunohistochemistry-elisa/254195