

Rabbit anti-Mouse IL7 Polyclonal Antibody | anti-IL7 antibody

Anti-IL7 antibody

CATALOG # AAA45025	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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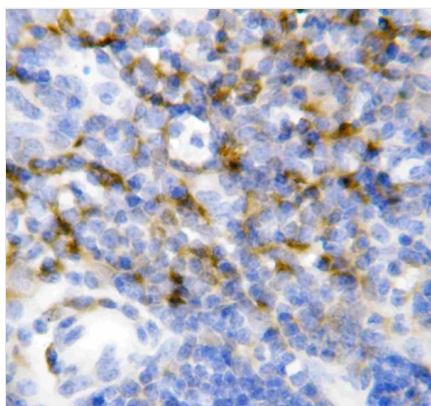
PRODUCT SYNONYMS

IL7; Polyclonal Antibody; Anti-IL7 antibody; Interleukin-7(IL-7); interleukin 7; IL 7 antibody; IL-7 antibody; IL7 antibody; Interleukin 7 antibody; Interleukin-7 antibody; anti-IL7 antibody

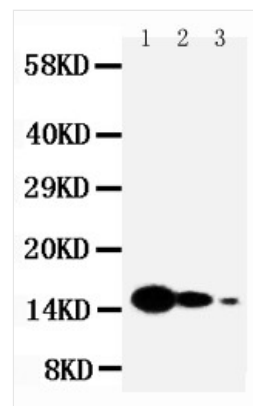
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized; Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Sequence Length	154
Applicable Applications for anti-IL7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of mouse IL7 (26-42aa ECHIKDKEGKAYESVLM).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store 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-IL7 antibody, AAA45025, IHC(P)IHC(P): Mouse Spleen Tissue


WB (Western Blot)

Anti-IL7 antibody, AAA45025, Western blotting
Lane 1: Recombinant Mouse IL-7 Protein 10ng
Lane 2: Recombinant Mouse IL-7 Protein 5ng
Lane 3: Recombinant Mouse IL-7 Protein 2.5ng

ADDITIONAL INFORMATION

Related Product Information for anti-IL7 antibody	Description: Rabbit IgG polyclonal antibody for Interleukin-7(IL7) detection. Tested with WB, IHC-P in Mouse. Background: IL-7, Interleukin 7, is a protein that in humans is encoded by the IL-7 gene. IL-7 a hematopoietic growth factor secreted by stromal cells in the red marrow and thymus. It is also produced by keratinocytes, dendritic cells, hepatocytes, neurons, and epithelial cells but is not produced by lymphocytes. By the combination of approaches, IL-7 is located on 8q12-q13. IL-7 is critical for early T-cell development and homeostasis of naive and memory CD8-positive T cells. It signals through the IL-7 receptor complex, which consists of the IL7R-alpha chain and the common IL2R-gamma chain is critical for early T-cell development and homeostasis of naive and memory CD8 -positive T cells. It signals through the IL-7 receptor complex, which consists of the IL7R-alpha chain and the common IL2R-gamma chain.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124355
NCBI GeneID	16196
UniProt Accession #	P10168
NCBI Official Full Name	Interleukin-7
NCBI Official Synonym Full Names	interleukin 7
NCBI Official Symbol	IL7
NCBI Official Synonym Symbols	IL-7; hlb368; A630026I06Rik
NCBI Protein Information	interleukin-7
UniProt Protein Name	Interleukin-7
UniProt Gene Name	IL7
UniProt Synonym Gene Names	IL-7; IL-7
UniProt Entry Name	IL7_MOUSE

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://www.aaabiotech.com/polyclonal/il7-antibody-immunohistochemistry-western-blot-elisa/45025>