

Rabbit IL7R / CD127 Polyclonal Antibody | anti-IL7R antibody

Rabbit Polyclonal to Mouse IL7R / CD127

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50907	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry

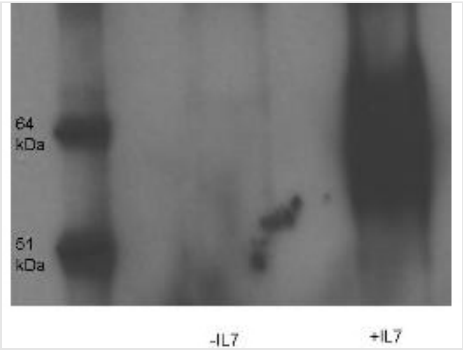
PRODUCT SYNONYMS

IL7R / CD127; Polyclonal Antibody; Rabbit Polyclonal to Mouse IL7R / CD127; Anti-IL7R / CD127 Antibody (phospho-Tyr449) IHC-plus; IL7R; CD127; CD127 antigen; IL-7RA; IL-7 receptor subunit alpha; IL7RA; ILRA; Interleukin 7 receptor; CDW127; IL-7R subunit alpha; IL-7R-alpha; Mouse IL7R; anti-IL7R antibody

PRODUCT SPECIFICATIONS

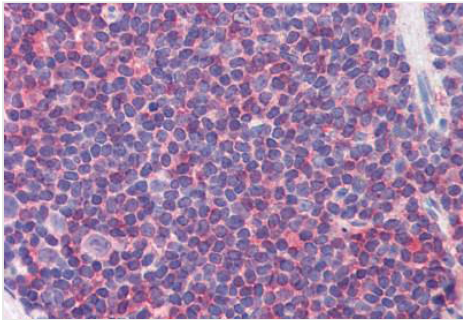
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	A BLAST analysis was used to suggest cross-reactivity with IL-7R from human, mouse and rat sources based on 100% homology with the immunizing sequence. Cross-reactivity with IL-7R from other sources has not been determined.
Purity/Purification	Immunoaffinity Purified
Form/Format	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	459
Applicable Applications for anti-IL7R antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Mouse
Immunogen Description	Synthetic peptide corresponding to residues near Y449 of mouse IL-7 protein.
Immunogen Type	Synthetic peptide
Immunogen	IL7R / CD127 antibody was raised against synthetic peptide corresponding to residues near Y449 of mouse IL-7 protein.
Antigen Modification	pTyr449
Preparation and Storage	+4 degree C or -20 degree C, Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Anti-IL-7 Receptor alpha chain pY449 - Western Blot. Anti-IL-7 Receptor alpha chain pY449 in immunoprecipitation and Western blot. Lysates were prepared from thymocyte D1 cells treated with or without IL7 (50 ng/ml), and immunoprecipitated with anti-Phosphotyrosine conjugated to Protein G agarose. After washing and boiling, the supernatant was separated by SDS-PAGE and transferred to nitrocellulose. Western Blot analysis was performed using anti-IL7 receptor pY449, diluted 1:10000 in BSA, incubated overnight at 4°C. The proteins were visualized using an HRP-conjugated goat anti-rabbit antibody and ECL detection.



IHC (Immunohistochemistry)

Anti-IL-7 Receptor antibody IHC of human colon, MALT. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-IL7R antibody	Interleukin 7 Receptor (IL7R) is a receptor for interleukin 7 (IL7). The function of IL7R requires the interleukin 2 receptor, gamma chain (IL2RG), which is a common gamma chain shared by the receptors of various cytokines, including interleukine 2, 4, 7, 9, and 15. This protein has been shown to play a critical role in the V(D)J recombination during lymphocyte development. This protein is also found to control the accessibility of the TCR gamma locus by STAT5 and histone acetylation.
Product Categories/Family for anti-IL7R antibody	Family: Interleukin

NCBI AND UNIPROT INFORMATION

NCBI GI #	28610151
NCBI GeneID	3575
NCBI Accession #	NP_002176.2
NCBI GenBank Nucleotide #	NM_002185.3
UniProt Accession #	P16871; Q05CU8; Q6NSP4; Q6NWM0; Q6NWM1; Q6NWM2; Q6NWM3; Q6SV45; Q9UPC1; B2RCS6; B4DVT1
Molecular Weight	28,724 Da
NCBI Official Full Name	interleukin-7 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 7 receptor
NCBI Official Symbol	IL7R
NCBI Official Synonym Symbols	ILRA; CD127; IL7RA; CDW127; IL-7R-alpha
NCBI Protein Information	interleukin-7 receptor subunit alpha; IL-7RA; CD127 antigen; IL-7R subunit alpha; IL-7 receptor subunit alpha; interleukin 7 receptor alpha chain; interleukin 7 receptor isoform H5-6
UniProt Protein Name	Interleukin-7 receptor subunit alpha
UniProt Gene Name	IL7R
UniProt Synonym Gene Names	IL-7 receptor subunit alpha; IL-7R subunit alpha; IL-7R-alpha; IL-7RA
UniProt Entry Name	IL7RA_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/il7r-cd127-antibody-western-blot-immunohistochemistry-elisa/50907>