

anti-Human IL-7R-alpha Polyclonal Antibody | anti-IL-7R-alpha antibody

IL-7R-alpha (CD127 or CDw127) Antibody

CATALOG # AAA110951	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Western Blot
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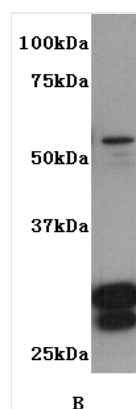
PRODUCT SYNONYMS

IL-7R-alpha; Polyclonal Antibody; IL-7R-alpha (CD127 or CDw127) Antibody; anti-IL-7R-alpha antibody

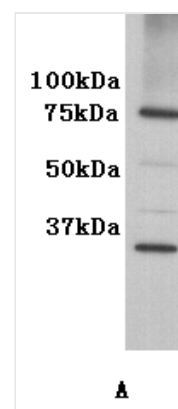
PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to a region of N-terminal residues of human IL-7R-alpha.
Purity/Purification	Affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 25% Glycerol.
Sequence Length	459
Applicable Applications for anti-IL-7R-alpha antibody	ICC (Immunocytochemistry), WB (Western Blot)
Preservative	0.05% Sodium Azide.
Cellular Localization	Secretion Protein/Cell Membrane
Positive Control	Skin Tissue
Preparation and Storage	Store at +4 degree C after thawing. Aliquot store at -20 degree C or -80 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

Fig: Western blot analysis on K562(A) and human skin tissue (B) using anti- IL-7R-alpha polyclonal antibody

ADDITIONAL INFORMATION

Related Product Information for anti-IL-7R-alpha antibody	The IL-7 cytokine plays a major role in the in vivo maintenance of polyclonal naive and memory T cells, positively regulating the survival, differentiation and proliferation of thymocyte and peripheral T lymphocyte populations. IL-7 exerts its biological function through the IL-7 receptor which is expressed on pre-B cells, thymocytes and bone marrow-derived macrophages. The IL-7 receptor is composed of an IL-7 receptor-specific chain and the IL-2 receptor gamma chain common to the IL-2, IL-4, IL-7, IL-9 and IL-15 receptors. Soluble forms of the IL-7 Ralpha have been reported.
References	1. Yu L.-R., Zhu Z., et al. "Improved titanium dioxide enrichment of phosphopeptides from HeLa cells and high confident phosphopeptide identification by cross-validation of MS/MS and MS/MS/MS spectra."; J. Proteome Res. 6:4150-4162(2007). 2. Roifman C.M., Zhang J., et al. "A partial deficiency of interleukin-7R alpha is sufficient to abrogate T-cell development and cause severe combined immunodeficiency."; Blood 96:2803-2807(2000). 3. Gregory S.G., Schmidt S., Seth P., et al. "Interleukin 7 receptor alpha chain (IL7R) shows allelic and functional association with multiple sclerosis."; Nat. Genet. 39:1083-1091(2007).

NCBI AND UNIPROT INFORMATION

NCBI GI #	28610151
NCBI GeneID	3575
NCBI Accession #	NP_002176.2
NCBI GenBank Nucleotide #	NM_002185.4
UniProt Accession #	P16871; Q05CU8; Q6NSP4; Q6NWM0; Q6NWM1; Q6NWM2; Q6NWM3; Q6SV45; Q9UPC1; B2RCS6; B4DVT1
Molecular Weight	52; 34; 30; 75kDa
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
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

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/il-7r-alpha-antibody-immunocytochemistry-western-blot-elisa/110951>