

Rabbit IL2RG Polyclonal Antibody | anti-IL2RG antibody

IL2RG Antibody

CATALOG # AAA326407	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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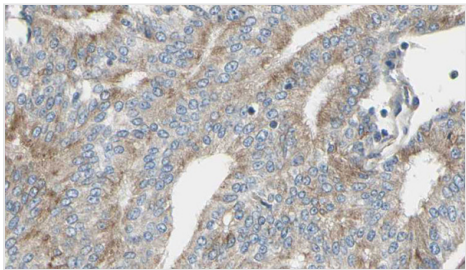
PRODUCT SYNONYMS

IL2RG; Polyclonal Antibody; IL2RG Antibody; CD132; CD132 antigen; CIDX; common cytokine receptor gamma chain; Cytokine receptor common subunit gamma; Gamma C; gamma(c); gammaC; IL-2 receptor subunit gamma; IL-2R gamma chain; IL-2R subunit gamma; IL-2RG; Il2rg; IL2RG_HUMAN; IMD4; interleukin 2 receptor; gamma; Interleukin-2 receptor subunit gamma; p64; SCIDX; SCIDX1; anti-IL2RG antibody

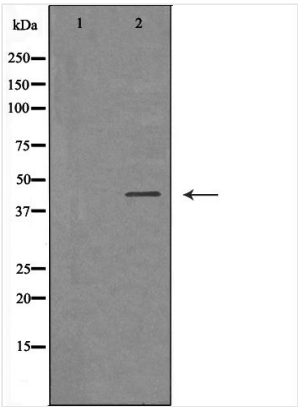
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	IL2RG antibody detects endogenous levels of total IL2RG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	369
Applicable Applications for anti-IL2RG antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human IL2RG
Subcellular Location	Membrane.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Dog
Similarity	Pig (90%), Bovine (100%), Sheep (100%), Dog (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA326407 at 1/100 staining Human prostate 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 antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of Jurkat, using IL2RG antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-IL2RG antibody	Description: The protein encoded by this gene is an important signaling component of many interleukin receptors, including those of interleukin-2, -4, -7 and-21, and is thus referred to as the common gamma chain. Mutations in this gene cause X-linked severe combined immunodeficiency (XSCID), as well as X-linked combined immunodeficiency (XCID), a less severe immunodeficiency disorder. [provided by RefSeq, Mar 2010] Function: Common subunit for the receptors for a variety of interleukins. Subunit Structure: The gamma subunit is common to the IL2, IL4, IL7, IL15, IL21 and probably also the IL13 receptors. Interacts with SHB upon interleukin stimulation. Interacts with HTLV-1 accessory protein p12l. Similarity: The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.The box 1 motif is required for JAK interaction and/or activation. Belongs to the type I cytokine receptor family. Type 5 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557882
NCBI GeneID	3561
NCBI Accession #	NP_000197.1
NCBI GenBank Nucleotide #	NM_000206.2
UniProt Accession #	P31785; Q5FC12
Molecular Weight	Observed: 42 kDa Predicted: 43 kDa
NCBI Official Full Name	cytokine receptor common subunit gamma
NCBI Official Synonym Full Names	interleukin 2 receptor subunit gamma
NCBI Official Symbol	IL2RG
NCBI Official Synonym Symbols	P64; CIDX; IMD4; CD132; SCIDX; IL-2RG; SCIDX1
NCBI Protein Information	cytokine receptor common subunit gamma
UniProt Protein Name	Cytokine receptor common subunit gamma
UniProt Gene Name	IL2RG
UniProt Synonym Gene Names	IL-2 receptor subunit gamma; IL-2R subunit gamma; IL-2RG

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/il2rg-antibody-immunohistochemistry-western-blot-elisa/326407>