IL7R RABBIT PAB

Cat.#: S215737

Product Name: Anti-IL7R Rabbit Polyclonal Antibody

Synonyms: ILRA; CD127; IL7RA; CDW127; IL-7R-alpha

UNIPROT ID: P16871 (Gene Accession - NP_002176)

Background: The protein encoded by this gene is a receptor for interleukin 7 (IL7). The function of this receptor requires the interleukin 2 receptor, gamma chain (IL2RG), which is a common gamma chain shared by the receptors of various cytokines, including interleukins 2, 4, 7, 9, and 15. This protein has been shown to play a critical role in V(D)J recombination during lymphocyte development. Defects in this gene may be associated with severe combined immunodeficiency (SCID). Alternatively spliced transcript variants have been found.

Immunogen: Synthetic peptide of human IL7R

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 40-200;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

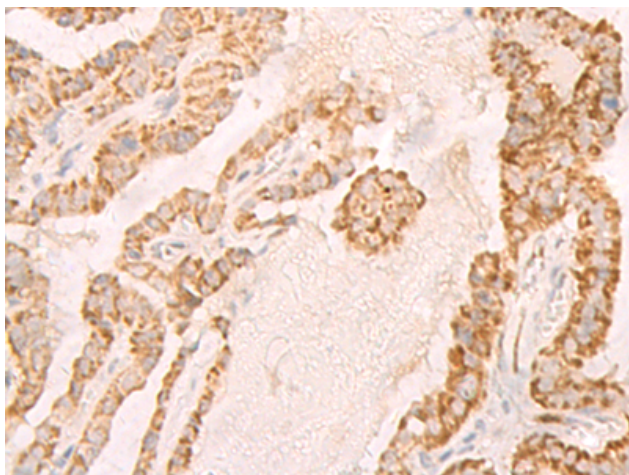**Isotype:** Immunogen-specific rabbit IgG

Purification: Antigen affinity purification
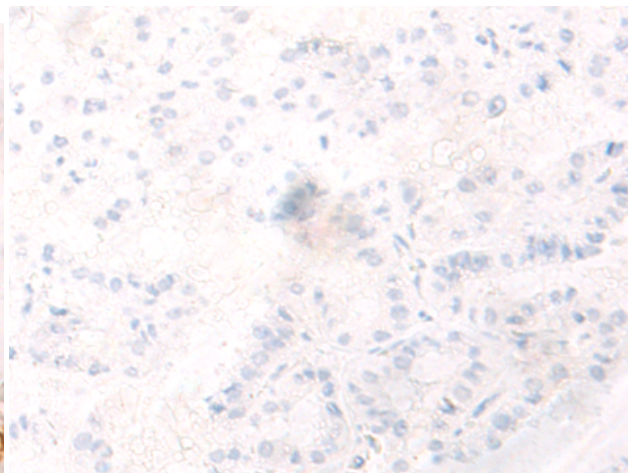
Species Reactivity: Human

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
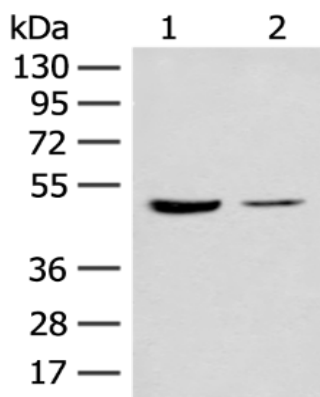
Research Areas: Immunology, Stem Cells

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 215737(IL7R Antibody) at a dilution of 1/45(Cytoplasm).

In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the synthetic peptide and then with 215737(Anti-IL7R Antibody) at dilution 1/45.

Gel: 8%SDS-PAGE, Lysate: 40 μg;
Lane 1-2: Human fetal brain tissue and Jurkat cell lysates;
Primary antibody: 215737(IL7R Antibody) at dilution 1/500;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 10 seconds