

## IL15RA

**Reactivity:** Human

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:200 - 1:1000 IHC 1:20 - 1:100

**Calculated MW:** 28kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic peptide of human IL15RA

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

CD215;

**Catalog #:** A2983

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 3601

**Isotype:** IgG

**Swiss Prot:** Q13261

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes a cytokine receptor that specifically binds interleukin 15 (IL15) with high affinity. The receptors of IL15 and IL2 share two subunits, IL2R beta and IL2R gamma. This forms the basis of many overlapping biological activities of IL15 and IL2. The protein encoded by this gene is structurally related to IL2R alpha, an additional IL2-specific alpha subunit necessary for high affinity IL2 binding. Unlike IL2RA, IL15RA is capable of binding IL15 with high affinity independent of other subunits, which suggests distinct roles between IL15 and IL2. This receptor is reported to enhance cell proliferation and expression of apoptosis inhibitor BCL2L1/BCL2-XL and BCL2. Multiple alternatively spliced transcript variants of this gene have been reported.

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