

## IL5RA

**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**48kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human IL5RA

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

IL5R; CD125; CDw125; HSIL5R3

**Catalog #:**A8552

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**3568

**Isotype:**IgG

**Swiss Prot:**Q01344

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is an interleukin 5 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL5 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL5. This protein has been found to interact with syndecan binding protein (syntenin), which is required for IL5 mediated activation of the transcription factor SOX4. Several alternatively spliced transcript variants encoding four distinct isoforms have been reported.

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