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IL4R (N1) Antibody, Rabbit Polyclonal

Cat#: R0595-1

Quantity: 100 ul

Predicted | Observed MW: 88 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P16382

Background:

Interleukin-4 receptor subunit alpha (IL4R) is a single-pass type I membrane protein belonging to the type I cytokine receptor family and the Type 4 subfamily. IL4R is a receptor for both interleukin 4 and interleukin 13. IL4R couples to the JAK1/2/3-STAT6 pathway. The IL4 response is involved in promoting Th2 differentiation. The IL4/IL13 responses are involved in regulating IgE production and, chemokine and mucus production at sites of allergic inflammation. In certain cell types, IL4R can signal through activation of insulin receptor substrates, IRS1/IRS2.

Other Names:

Interleukin-4 receptor subunit alpha, IL-4 receptor subunit alpha, IL-4R subunit alpha, IL-4R-alpha, IL-4RA, CD124, Il4ra

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of mouse IL4R. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

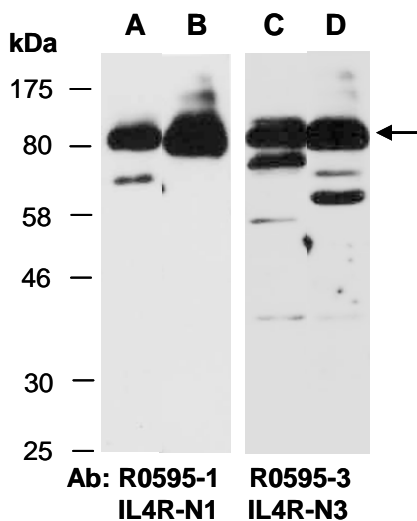


Fig 1. Western blot of total cell extracts from (A,C) mouse thymus, (B,D) mouse kidney; using 2 independent Abs against 2 distinct regions of mouse IL4R at RT for 2 h.