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PAX5 (C2) Antibody, Rabbit Polyclonal

Cat#: R0777-3

Quantity: 100 ul

Predicted M.W.: 42 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q02548

Background:

PAX5 is a member of the paired box (PAX) family of transcription factors. The central feature of this gene family is a novel, highly conserved DNA-binding motif, known as the paired box. PAX proteins are important regulators in early development, and alterations in the expression of their genes are thought to contribute to neoplastic transformation. PAX5 is the B-cell lineage specific activator protein expressed at early, but not late stages of B-cell differentiation. PAX5 is also expressed in developing CNS and testis, suggesting a role of PAX5 in neural development and spermatogenesis. The PAX5 gene is located at 9p13, which is involved in t(9;14)(p13;q32) translocations recurring in small lymphocytic lymphomas of the plasmacytoid subtype, and in derived large-cell lymphomas.

Other Names:

Paired box protein Pax-5, B-cell-specific transcription factor, BSAP

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human PAX5. 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:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:5,000 (detect endogenous protein*)

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

Product Data:

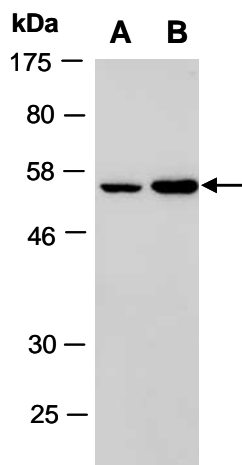


Fig 1. Western blot of total cell extracts from (A) human Jurkat, (B) mouse A20, using Ab (R0777-3) at RT for 2 h. The observed M.W. of PAX5 is approximately 50 kD.