Order: (888)-282-5810 (Phone)
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RUNX1T1 (N) Antibody, Rabbit Polyclonal

Cat#: R2572-1 **Lot#: Refer to vial**

Quantity: 100 ul **Application: WB**

Predicted I Observed M.W.: 68 I 75 kDa **Uniprot ID: Q06455**

Background:

Runt-related transcription factor 1 (RUNX1T1) is a member of the myeloid translocation gene family, which interact with DNA-bound transcription factors and recruit a range of co-repressors to facilitate transcriptional repression. The t(8;21)(q22;q22) translocation is one of the most frequent karyotypic abnormalities in acute myeloid leukemia. The translocation produces a chimeric gene made up of the 5'-region of the RUNX1T1 gene fused to the 3'-region of this gene. The chimeric protein is thought to associate with the nuclear corepressor/histone deacetylase complex to block hematopoietic differentiation. Alternative splicing of the RUNX1T1 gene results in multiple transcript variants [provided by RefSeq].

Other Names:

Runt-related transcription factor 1, Protein CBFA2T1, Cyclin-D-related protein, Eight twenty one protein, Protein ETO, Protein MTG8, Zinc finger MYND domain-containing protein 2, AML1T1, CBFA2T1, CDR, ETO, MTG8, ZMYND2

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human RUNX1T1. 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% NaN_3. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, 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.

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Product Data:

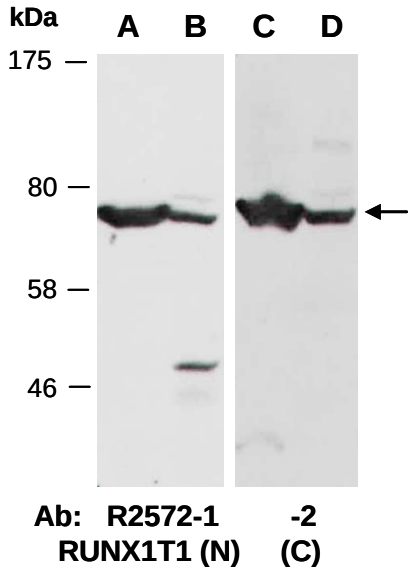

Fig 1. *Western blot of total cell extracts from A, C) mouse brain, B, D) mouse thymus; using 2 independent Abs against 2 distinct regions of human RUNX1T1 at RT for 2 h.*