

## RUNX1T1

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:200 - 1:1000 IHC 1:50 - 1:200

**Calculated MW:**68kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human RUNX1T1

**Storage Buffer:**

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

**Synonym:**

CDR; ETO; MTG8; AML1T1; ZMYND2; CBFA2T1; AML1-MTG8;

**Catalog #:**A1737

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**862

**Isotype:**IgG

**Swiss Prot:**Q06455

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes a member of the myeloid translocation gene family which interact with DNA-bound transcription factors and recruit a range of corepressors 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 runt-related transcription factor 1 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 results in multiple transcript variants.

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