

RUNX1T1

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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