

Product datasheet for TA344444

RUNX1T1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-RUNX1T1 antibody: synthetic peptide directed towards the middle

region of human RUNX1T1. Synthetic peptide located within the following region:

RQCNLQQFIQQTGAALPPPPRPDRGPPGTQGPLPPAREESLLGAPSESHA

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 64 kDa

Gene Name: RUNX1 translocation partner 1

Database Link: NP 004340

Entrez Gene 862 Human

Q06455



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RUNX1T1 Rabbit Polyclonal Antibody - TA344444

Background: RUNX1T1 is a putative zinc finger transcription factor and oncoprotein. In acute myeloid

leukemia, especially in the M2 subtype, the t(8;21)(q22;q22) translocation is one of the most frequent karyotypic abnormalities. The translocation produces a chimeric gene made up of the 5'-region of the RUNX1 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. The protein encoded by this gene is a putative zinc finger transcription factor and oncoprotein. In acute myeloid leukemia, especially in the M2 subtype, the t(8;21)(q22;q22) translocation is one of the most frequent karyotypic abnormalities. The translocation produces a chimeric gene made up of the 5'-region of the RUNX1 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. Several transcript variants encoding multiple isoforms have been found for

this gene.

Synonyms: AML1T1; CBFA2T1; CDR; ETO; MTG8; ZMYND2

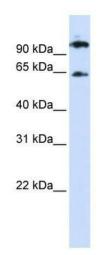
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Human: 100%; Bovine: 100%; Rabbit:

100%; Horse: 93%; Mouse: 93%; Zebrafish: 93%; Guinea pig: 93%; Rat: 86%

Protein Families: Transcription Factors

Protein Pathways: Acute myeloid leukemia, Pathways in cancer

Product images:



WB Suggested Anti-RUNX1T1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive

Control: 293T cell lysate