

Datasheet for ABIN2787562

## anti-RUNX1T1 antibody (Middle Region)



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	RUNX1T1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Rabbit, Guinea Pig, Horse, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RUNX1T1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RUNX1T1
Sequence:	RQCNLQQFIQ QTGAALPPPP RPDRGPPGTQ GPLPPAREES LLGAPSESHA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 100%, Rat: 86%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against RUNX1T1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

#### Target Details

Target:	RUNX1T1
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## Target Details

Alternative Name:	RUNX1T1 ( <a href="#">RUNX1T1 Products</a> )
Background:	<p>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.</p> <p>Alias Symbols: AML1T1, CBFA2T1, CDR, ETO, MGC2796, MTG8, MTG8b, ZMYND2</p> <p>Protein Interaction Partner: EPS8, NECAB2, ABI3, GSE1, MID2, SPRY2, HOMER3, LPXN, ZMYM4, STX11, MEOX2, CCDC36, TRIM42, SPERT, CREB3L1, LZTS2, EFHC2, CPSF7, C19orf57, PRDM14, CBFA2T2, NCOR1, UBQLN4, ATN1, BCL6, ETS1, RUNX1, DNMT1, SPEN, RBPJ, UBE2E2, UBC, TRIM33, HDAC1, NCOR2, SIN3A,</p> <p>Protein Size: 577</p>
Molecular Weight:	64 kDa
Gene ID:	862
NCBI Accession:	<a href="#">NM_004349</a> , <a href="#">NP_004340</a>
UniProt:	<a href="#">B2R6I9</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 577 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific

Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1. WB Suggested Anti-RUNX1T1 Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:312500

**Positive Control:** 293T cell lysate