

Product datasheet for **TA347281**

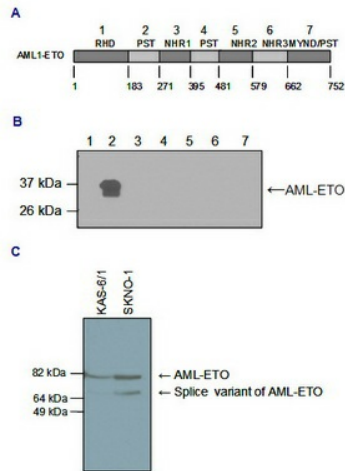
RUNX1T1 Rabbit Polyclonal Antibody

Product data:

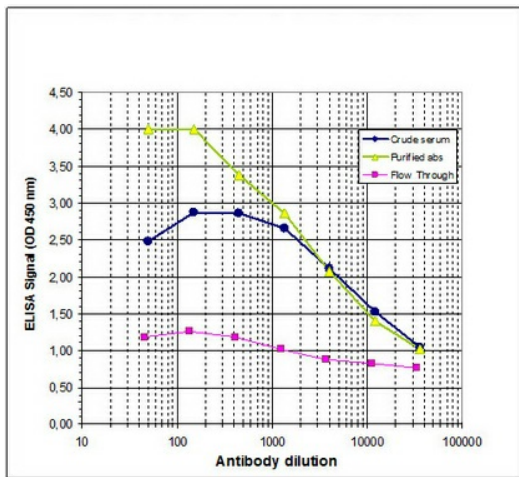
Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA (1:100); Western blotting (1:1,000)
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-AML-ETO antibody: the AML-ETO (RUNX1) fusion protein, using 3 different KLH-conjugated synthetic peptides. The antibody recognizes the ETO (RUNX1T1) part of the fusion protein.
Concentration:	lot specific
Purification:	Store at -20°C; for long storage, store at -80°C. Avoid multiple freeze-thaw cycles.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	RUNX1 translocation partner 1
Database Link:	NP_783553 Entrez Gene 862 Human Q06455
Background:	RUNX1T1 (UniProt/Swiss-Prot entry Q06455) is a putative transcription factor which forms a heterodimer with CBFA2T3. Defects in RUNX1T1 have been associated with acute myeloid leukemia (AML-M2) and may be a cause of colorectal cancer.
Synonyms:	AML1T1; CBFA2T1; CDR; ETO; MTG8; ZMYND2
Protein Families:	Transcription Factors
Protein Pathways:	Acute myeloid leukemia, Pathways in cancer



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Product images:


WB was performed on seven GST-fusion proteins containing different fragments of AML-ETO (1-7) with the ab at 1:1,000. The antibody raised against AML-ETO recognizes the ETO part (lane 2) of the fusion protein. C: WB was performed on nuclear extracts from KAS-6/1 cells (human myeloma cell line) and SKNO-1 cells (human acute myeloblastic leukaemia) with the ab against AML-ETO at 1:1,000. The location of AML-ETO and a presumed splice variant (missing 106 C-terminal amino acids) are indicated.



Determination of the antibody titer To determine the titer of the antibody, an ELISA was performed using a serial dilution of antibody against AML-ETO, crude serum and flow through in antigen coated wells. By plotting the absorbance against the antibody dilution (Figure 1), the titer of the antibody was estimated to be 1:5, 250.