

## Product datasheet for **TA322762**

### **RUNX3 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Raji cell lysate IHC: 25-100 Positive control: Human tonsil Predicted cell location: Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 400-415 amino acids of human runt-related transcription factor 3
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	44 kDa
Gene Name:	runt related transcription factor 3
Database Link:	<a href="#">NP_004341</a> <a href="#">Entrez Gene 12399 Mouse</a> <a href="#">Entrez Gene 864 Human</a> <a href="#">Q13761</a>



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**Background:**

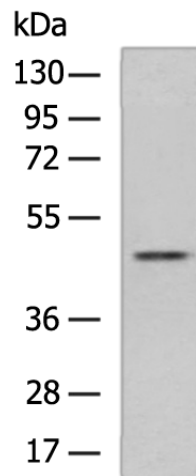
This gene encodes a member of the runt domain-containing family of transcription factors. A heterodimer of this protein and a beta subunit forms a complex that binds to the core DNA sequence 5'-PYGPYGGT-3' found in a number of enhancers and promoters, and can either activate or suppress transcription. It also interacts with other transcription factors. It functions as a tumor suppressor, and the gene is frequently deleted or transcriptionally silenced in cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Synonyms:**

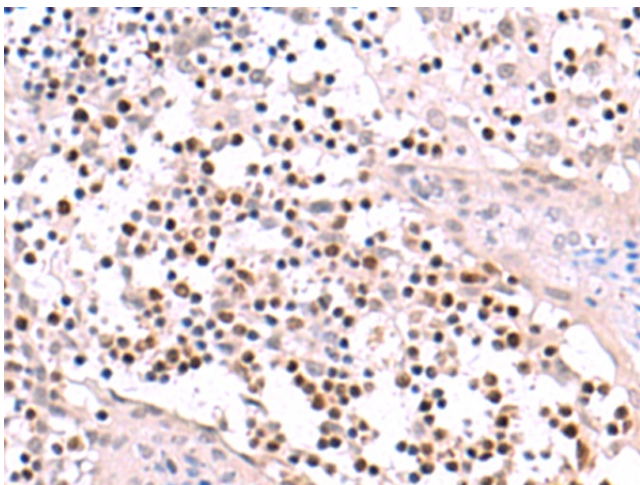
AML2; CBFA3; PEBP2aC

**Protein Families:**

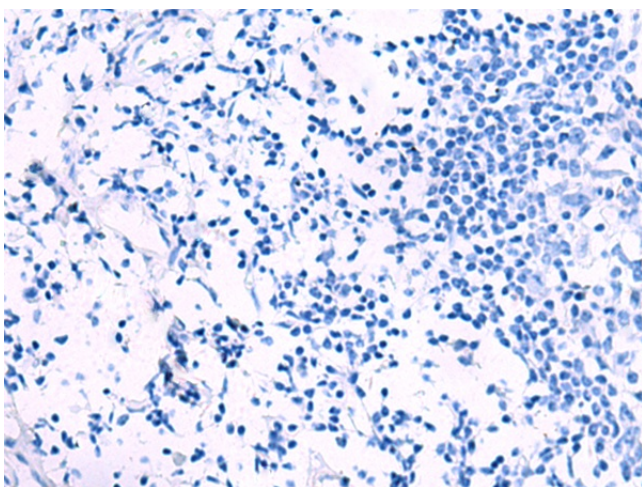
Transcription Factors

**Product images:**


Gel: 8%SDS-PAGE  
 Lysate: 40 µg  
 Lane: Raji cell lysate  
 Primary antibody: TA322762 (RUNX3 Antibody) at dilution 1/600  
 Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
 Exposure time: 3 seconds



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA322762 (RUNX3 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA322762 (RUNX3 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification:  $\times 200$ )