

## Product datasheet for **TA344487**

### HOXB3 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-HOXB3 antibody: synthetic peptide directed towards the N terminal of human HOXB3. Synthetic peptide located within the following region: SCMRPGLAPEPLSAPPSPPPSAAPTSATSNSSSNGGGPSKSGPPKCGPGT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
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:	homeobox B3
Database Link:	<a href="#">NP_002137</a> <a href="#">Entrez Gene 3213 Human</a> <a href="#">P14651</a>



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**Background:**

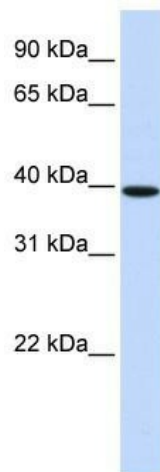
HOXB3 belongs to ANTP homeobox family. It is a nuclear protein with a homeobox DNA-binding domain. HOXB3 gene is included in a cluster of homeobox B genes located on chromosome 17. The protein functions as a sequence-specific transcription factor that is involved in development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML). This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML). Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

**Synonyms:**

Hox-2.7; HOX2; HOX2G

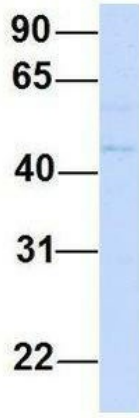
**Note:**

Immunogen Sequence Homology: Pig: 100%; Human: 100%; Bovine: 100%; Rat: 93%; Mouse: 93%; Rabbit: 93%; Dog: 86%; Horse: 86%; Guinea pig: 79%

**Product images:**

WB Suggested Anti-HOXB3 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1:312500; Positive  
Control: Human Liver

# HOXB3



Rabbit Anti-HOXB3  
Sample Type: Human Fetal Muscle  
Antibody Concentration: 1ug/mL

Host: Rabbit; Target Name: HOXB3; Sample Tissue: Human Fetal Muscle; Antibody Dilution: 1.0 ug/ml