

Product datasheet for **TA329216**

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: GPSKSGPPKCGPGTNSTLTKQIFPWMKESRQTSKLNNSPGTAEGCGGGG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
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:	NP_002137 Entrez Gene 3213 Human P14651



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Background:

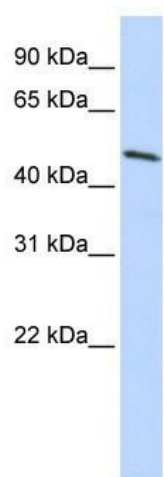
HOXB3 belongs to ANTP homeobox family. It is a nuclear protein with a homeobox DNA-binding domain. HOXB3 gene is included in a cluster of homeobox B genes located on chromosome 17. The protein functions as a sequence-specific transcription factor that is involved in development. Increased expression 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:

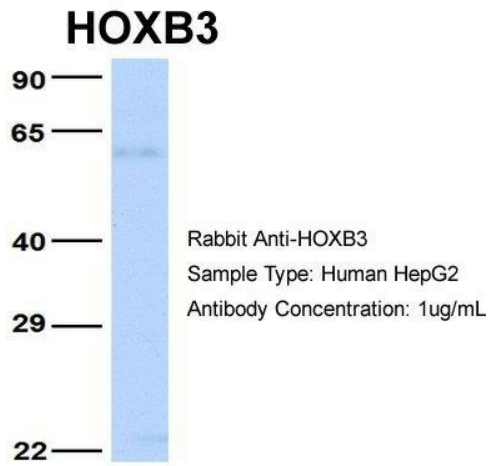
Hox-2.7; HOX2; HOX2G

Note:

Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 79%

Product images:

WB Suggested Anti-HOXB3 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:312500; Positive
Control: HepG2 cell lysate HOXB3 is supported by
BioGPS gene expression data to be expressed in
HepG2



Host: Rabbit; Target Name: HOXB3; Sample Tissue: HepG2; Antibody Dilution: 1.0ug/ml; HOXB3 is supported by BioGPS gene expression data to be expressed in HepG2