

## Product datasheet for **AP52078PU-N**

### HOXB3 (Center) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Immunohistochemistry on Paraffin Sections:</b> 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 118-148 amino acids from the Central region of Human HOXB3 / HOX2G
Specificity:	This antibody recognizes Human HOXB3 / HOX2G (Center).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	homeobox B3
Database Link:	<a href="#">Entrez Gene 3213 Human P14651</a>



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**Background:**

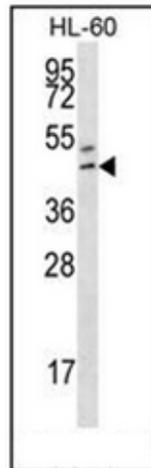
This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML).

**Synonyms:**

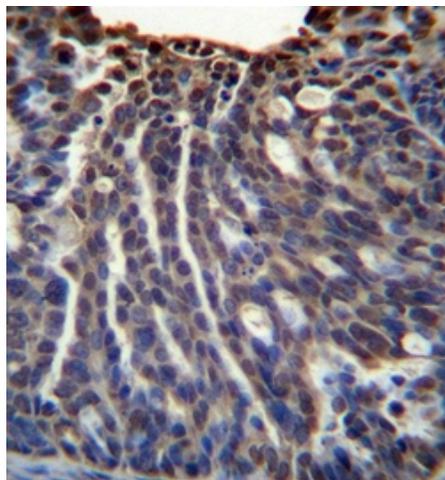
Homeobox protein Hox-B3, Hox-2G, Hox-2.7

**Note:**

**Molecular Weight:** 44340 Da

**Product images:**


Western blot analysis of HOXB3 / HOX2G Antibody (Center) in HL-60 cell line lysates (35ug/lane). This demonstrates the HOXB3 antibody detected the HOXB3 protein (arrow).



immunohistochemistry analysis in formalin fixed and paraffin embedded human ovarian carcinoma reacted with HOXB3 / HOX2G Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.