

**HOXB9 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
Catalog # AP16244c

**Specification**

**HOXB9 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P17482</a>
Other Accession	<a href="#">P20615</a> , <a href="#">NP_076922.1</a>
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	28059
Antigen Region	148-176

**HOXB9 Antibody (Center) - Additional Information**

**Gene ID** 3219

**Other Names**

Homeobox protein Hox-B9, Homeobox protein Hox-25, Homeobox protein Hox-2E, HOXB9, HOX2E

**Target/Specificity**

This HOXB9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 148-176 amino acids from the Central region of human HOXB9.

**Dilution**

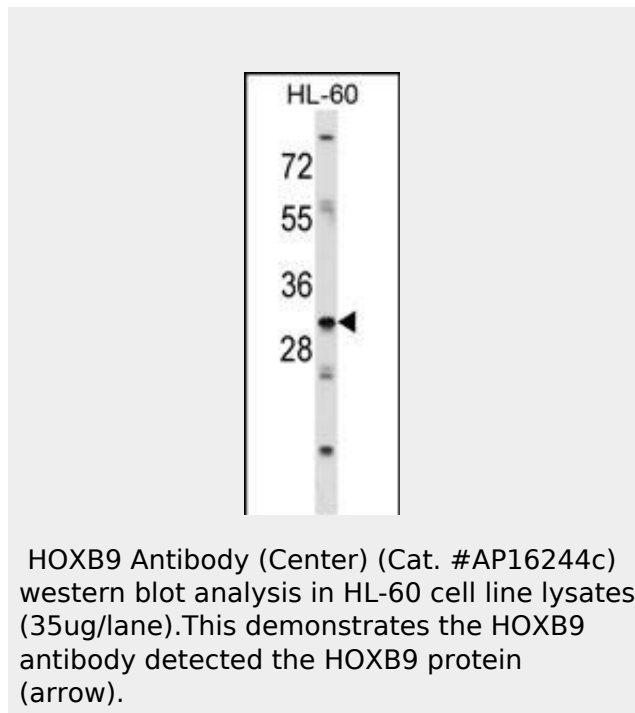
WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



**HOXB9 Antibody (Center) - Background**

HOXB9 is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of leukemia, prostate cancer and lung cancer.

**HOXB9 Antibody (Center) - References**

Hayashida, T., et al. Proc. Natl. Acad. Sci. U.S.A. 107(3):1100-1105(2010)  
Need, A.C., et al. Hum. Mol. Genet. 18(23):4650-4661(2009)  
Rouault, K., et al. Osteoarthr. Cartil. 17(8):1099-1105(2009)

**Precautions**

HOXB9 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Nguyen, D.X., et al. Cell 138(1):51-62(2009)  
Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009)

**HOXB9 Antibody (Center) - Protein Information**

**Name** HOXB9

**Synonyms** HOX2E

**Function**

Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.

**Cellular Location**

Nucleus.

**HOXB9 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)