

**HOXA6 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP12025c**

**Specification**

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**HOXA6 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P31267</a>
Other Accession	<a href="#">NP_076919.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	26339
Antigen Region	105-133

**HOXA6 Antibody (Center) - Additional Information**

**Gene ID** 3203

**Other Names**

Homeobox protein Hox-A6, Homeobox protein Hox-1B, HOXA6, HOX1B

**Target/Specificity**

This HOXA6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 105-133 amino acids from the Central region of human HOXA6.

**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.

**Precautions**

HOXA6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**HOXA6 Antibody (Center) - Protein Information**

**Name** HOXA6

**Synonyms** HOX1B

**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**

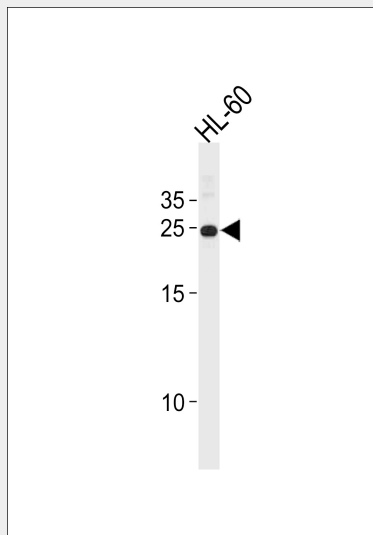
Nucleus.

**HOXA6 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](#)

**HOXA6 Antibody (Center) - Images**



HOXA6 Antibody (Center) (Cat. #AP12025c) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the HOXA6 antibody detected the HOXA6 protein (arrow).

**HOXA6 Antibody (Center) - Background**

In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation.

**HOXA6 Antibody (Center) - References**

Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009)

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Kosaki, K., et al. Teratology 65(2):50-62(2002)  
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