

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

HOXA6 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P31267
Other Accession	NP_076919.1
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

E~~Use at an assay dependent concentration.

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

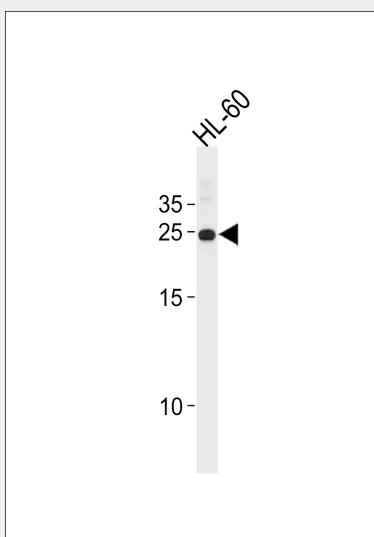
Nucleus.

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)

Dickson, G.J., et al. Exp. Hematol. 37(3):322-333(2009)
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Kosaki, K., et al. Teratology 65(2):50-62(2002)
Walters, J.R., et al. Gastroenterology 113(2):472-477(1997)