

HOXB8 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16167b

Specification

HOXB8 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P17481
Other Accession	NP_076921.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	27574
Antigen Region	215-243

HOXB8 Antibody (C-term) - Additional Information

Gene ID 3218

Other Names

Homeobox protein Hox-B8, Homeobox protein Hox-24, Homeobox protein Hox-2D, HOXB8, HOX2D

Target/Specificity

This HOXB8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 215-243 amino acids from the C-terminal region of human HOXB8.

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

HOXB8 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HOXB8 Antibody (C-term) - Protein Information

Name HOXB8

Synonyms HOX2D

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

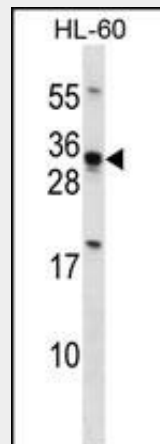
Nucleus.

HOXB8 Antibody (C-term) - 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](#)

HOXB8 Antibody (C-term) - Images



HOXB8 Antibody (C-term) (Cat. #AP16167b) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the HOXB8 antibody detected the HOXB8 protein (arrow).

HOXB8 Antibody (C-term) - 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 colorectal cancer. Mice that have had the murine ortholog of this gene knocked out exhibit an excessive pathologic grooming behavior. This behavior is similar to the behavior of humans suffering from the obsessive-compulsive spectrum disorder trichotillomania.

HOXB8 Antibody (C-term) - References

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

Greer, J.M., et al. Neuron 33(1):23-34(2002)

Knoepfler, P.S., et al. Oncogene 20(39):5440-5448(2001)

Fujino, T., et al. Exp. Hematol. 29(7):856-863(2001)

Vider, B.Z., et al. Biochem. Biophys. Res. Commun. 232(3):742-748(1997)