10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

HOXB2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20543b

Product Information

Application	WB, E
Primary Accession	P14652
Reactivity	Human
Predicted	Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	37914
Antigen Region	282-306

Additional Information

Gene ID	3212
Other Names	Homeobox protein Hox-B2, Homeobox protein Hox-28, Homeobox protein Hox-2H, K8, HOXB2, HOX2H
Target/Specificity	This HOXB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 282-306 amino acids from the C-terminal region of human HOXB2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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	HOXB2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HOXB2
Synonyms	HOX2H
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.

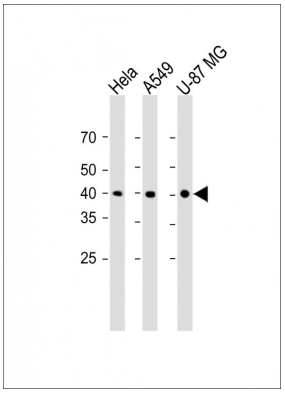
Background

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

References

Acampora D., et al. Nucleic Acids Res. 17:10385-10402(1989).
Giampaolo A., et al. Differentiation 40:191-197(1989).
Boncinelli E., et al. Genome 31:745-756(1989).
Kongsuwan K., et al. EMBO J. 7:2131-2138(1988).
Vieille-Grosjean I., et al. J. Biol. Chem. 270:4544-4550(1995).

Images



All lanes: Anti-HOXB2 Antibody (C-term) at 1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: A549 whole cell lysate Lane 3: U-87 MG whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 38 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.