

Anti-HOXB9 Antibody

Catalog # AP51266

Product Information

Application	WB, IHC
Primary Accession	P17482
Reactivity	Human, Mouse, Rat, Bovine, Dog, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28059

Additional Information

Gene ID	3219
Other Names	HOX2E; Homeobox protein Hox-B9; Homeobox protein Hox-2.5; Homeobox protein Hox-2E
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human HOXB9. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

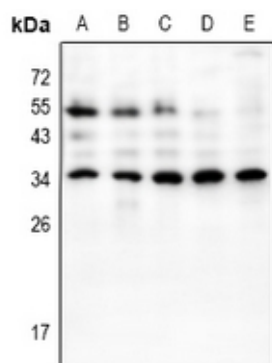
Name	HOXB9
Synonyms	HOX2E
Function	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.
Cellular Location	Nucleus.

References

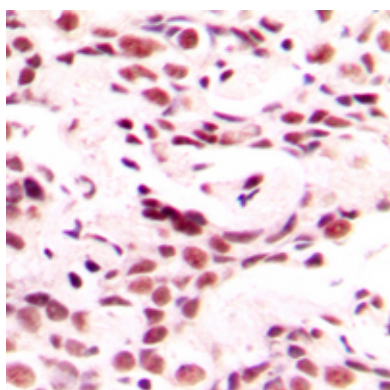
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Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Giampaolo A.,et al.Differentiation 40:191-197(1989).
Boncinelli E.,et al.Genome 31:745-756(1989).

Images



Western blot analysis of HOXB9 expression in HCT116 (A), HeLa (B), HEK293T (C), LOVO (D), 3T3L1 (E) whole cell lysates. (Predicted band size: 28 kD; Observed band size: 32 kD)



Immunohistochemical analysis of HOXB9 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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