

Anti-HOXD12 Antibody

Catalog # AP51267

Product Information

Application	WB, IHC
Primary Accession	P35452
Reactivity	Human, Mouse, Rat, Pig, Chicken, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29031

Additional Information

Gene ID	3238
Other Names	HOX4H; Homeobox protein Hox-D12; Homeobox protein Hox-4H
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human HOXD12. 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

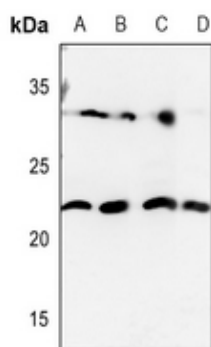
Protein Information

Name	HOXD12
Synonyms	HOX4H
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.

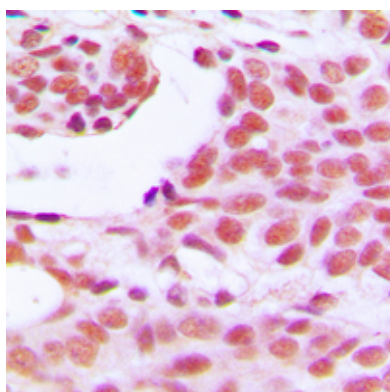
References

Miwa N.,et al.Submitted (MAY-1999) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 434:724-731(2005).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
D'Esposito M.,et al.Genomics 10:43-50(1991).

Images



Western blot analysis of HOXD12 expression in HEK293T (A), SHSY5Y (B), mouse liver (C), rat liver (D) whole cell lysates. (Predicted band size: 29 kD; Observed band size: 22 kD)



Immunohistochemical analysis of HOXD12 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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