

Catalog #: 50390

Aliases

HOX4H; Homeobox protein Hox-D12; Homeobox protein Hox-4H

Background

Gene Name: HOXD12

NCBI Gene Entry: [3238](#)

UniProt Entry: [P35452](#)

Application Information

Molecular Weight: Predicted, 29 kDa; observed, 22 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, bovine, chicken, dog, pig

Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

Immunogen

A synthesized peptide derived from human HOXD12

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:50-1:100

Note: This product is for research use only.

Validation Data

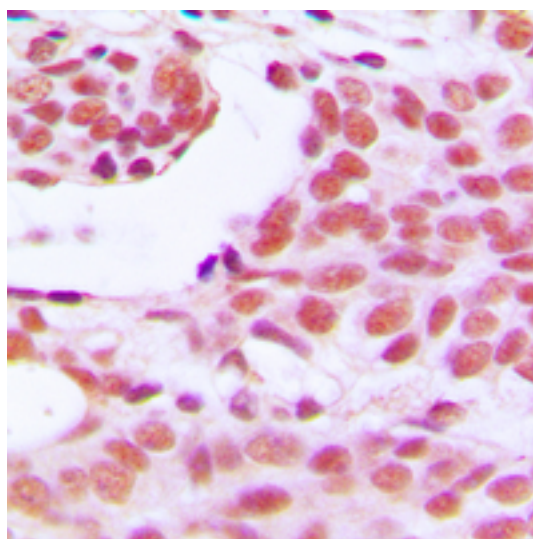
SUPPORT

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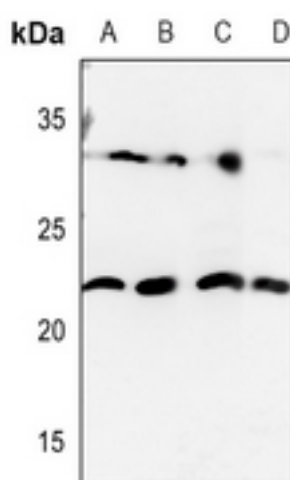
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Immunohistochemical analysis of HOXD12 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated 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.



Western blotting analysis of HOXD12 expression in HEK293T (A), SHSY5Y (B), mouse liver (C), rat liver (D) whole cell lysates.