

# HoxD3 Polyclonal Antibody

## Description

Product type Primary Antibody

Code BT-AP04197

**Host** Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from the Internal region of human

HOXD3. AA range:211-260

Mol wt 45730

Species reactivity Human, Mouse, Rat

**Clonality** Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name HoxD3 Antibody

Synonyms HOXD3; HOX1D; HOX4A; Homeobox protein Hox-D3; Homeobox protein Hox-4A

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

## Background

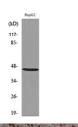
HOXD3 belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located at 2q31-2q37 chromosome regions. Deletions that removed the entire HOXD gene cluster or 5' end of this cluster have been associated with severe limb and genital abnormalities. Homeobox protein Hox-D3 encoded by this gene may play a role in the regulation of cell adhesion processes.

#### **Recommended Dilution**

WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 300 ELISA: 1: 20000

Not yet tested in other applications.

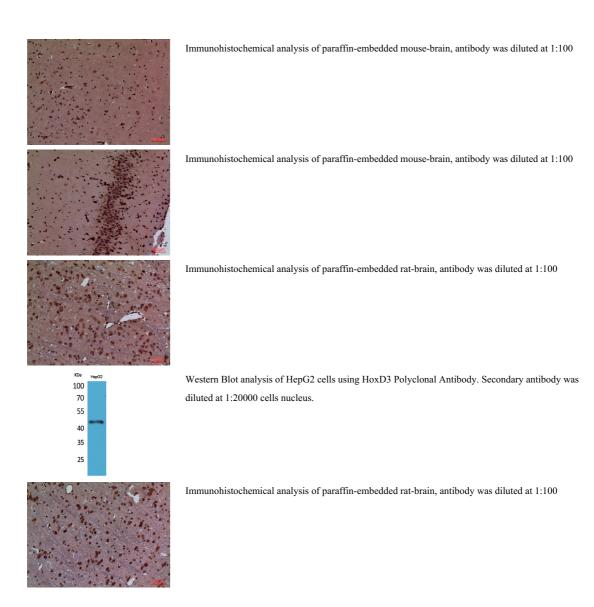
## Images



Western blot analysis of lysate from HepG2 cells, using HOXD3 Antibody.



 $Immun ohistochemical\ analysis\ of\ paraffin-embedded\ rat-brain,\ antibody\ was\ diluted\ at\ 1:100$ 



Storage

-20°C for one year

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