

## HoxD8 Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP04198
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HOXD8. AA range:241-290
Mol wt	31911
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	HoxD8 Antibody
Synonyms	HOXD8; HOX4E; Homeobox protein Hox-D8; Homeobox protein Hox-4E; Homeobox protein Hox-5.4

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

### Background

HOXD8 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. HOXD8 is one of several homeobox HOXD genes located in a cluster on chromosome 2. Deletions that remove the entire HOXD gene cluster or the 5' end of this cluster have been associated with severe limb and genital abnormalities. In addition to effects during embryogenesis, this particular gene may also play a role in adult urogenital tract function. Alternate splicing results in multiple transcript variants.

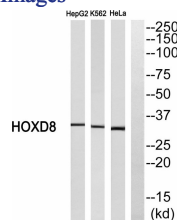
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

### Images



Western blot analysis of HOXD8 Antibody. The lane on the right is blocked with the HOXD8 peptide.

### Storage

-20°C for one year