

## HoxA5 Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP04187
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from the N-terminal region of human HoxA5.
Mol wt	29345
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	HoxA5 Antibody
Synonyms	HOXA5; HOX1C; Homeobox protein Hox-A5; Homeobox protein Hox-1C

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

### Background

In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. HOXA5 is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. Methylation of this gene may result in the loss of its expression and, since the encoded protein upregulates the tumor suppressor p53, this protein may play an important role in tumorigenesis.

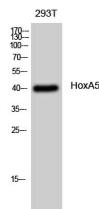
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

### Images



Western Blot analysis of 293T cells using HoxA5 Polyclonal Antibody diluted at 1:500 cells nucleus.

### Storage

-20°C for one year