

## Anti-HOXA7 antibody

<b>Cat. No.</b>	ml161283
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-HOXA7 rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Synthetic peptide of human HOXA7
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	1 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	HOXA7
<b>Full name</b>	homeobox A7
<b>Synonyms</b>	ANTP; HOX1; HOX1A; HOX1.1
<b>Swissprot</b>	P31268

### Target 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. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. For example, the encoded protein represses the transcription of differentiation-specific genes during keratinocyte proliferation, but this repression is then overcome by differentiation signals. This gene is highly similar to the antennapedia (Antp) gene of *Drosophila*.

订购热线: 4008-898-798

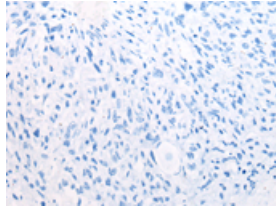
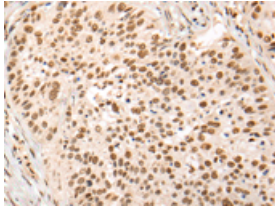
#### Applications

##### Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human lung cancer

Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml161283(HOXA7 Antibody) at dilution 1/70, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

##### ELISA

Recommended dilution: 5000-10000

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