

Anti-HOXD4 antibody

Cat. No.	ml264212
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-HOXD4 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human HOXD4
Reactivity	Human, Mouse
Content	0.66 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	HOXD4
Full name	homeobox D4
Synonyms	HOX4; HOX4B; HHO.C13; HOX-5.1; Hox-4.2
Swissprot	P09016

Target Background

This gene 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. The protein encoded by this gene may play a role in determining positional values in developing limb buds. Alternatively spliced variants have been described but their full length nature has not been determined.

订购热线: 4008-898-798

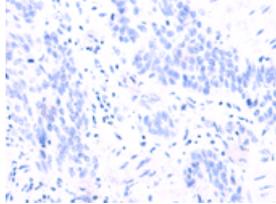
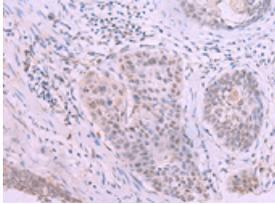
Applications

Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human esophagus cancer

Recommended dilution: 10-50

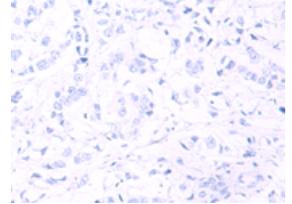
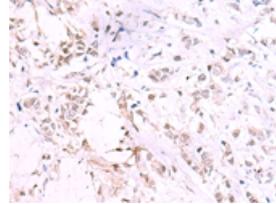


The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml264212(HOXD4 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Nucleus

Positive control: Human breast cancer

Recommended dilution: 10-50



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml264212(HOXD4 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 5000-10000

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