

HOXC5 Polyclonal Antibody

Catalog No. E-AB-18093

Note: Centrifuge before opening to ensure complete recovery of vial contents.

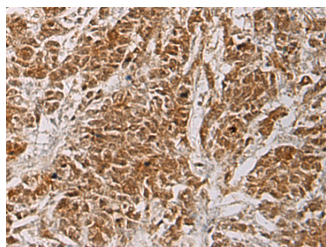
Description

Reactivity	Human, Mouse
Immunogen	Synthetic peptide of human HOXC5
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

Applications Recommended Dilution

IHC	1:50-1:200
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Data



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using HOXC5 Polyclonal Antibody at dilution of 1:55(×200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene, HOXC5, is one of several homeobox HOXC genes located in a cluster on chromosome 12. Three genes, HOXC5, HOXC4 and HOXC6, share a 5' non-coding exon. Transcripts may include the shared exon spliced to the gene-specific exons, or they may include only the gene-specific exons. Two alternatively spliced variants have been described for HOXC5. The transcript variant which includes the shared exon apparently doesn't encode a protein. The protein-coding transcript variant contains gene-specific exons only.

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