

Anti-HOXA1 Polyclonal Antibody

Cat: K110229P

Summary:

【Product name】 : Anti-HOXA1 antibody

【Source】 : Rabbit

【Isotype】 : IgG

【Species reactivity】 : Human Mouse Rat

【Swiss Prot】 : P49639

【Gene ID】 : 3198

【Calculated】 : MW:15/24/37kDa

【Purification】 : Affinity purification

【Tested applications】 : IHC

【Recommended dilution】 : IHC 1:50-200.

【IHC Positive sample】 : Colorectal cancer

【Subcellular location】 : Cell membrane Cytoplasm

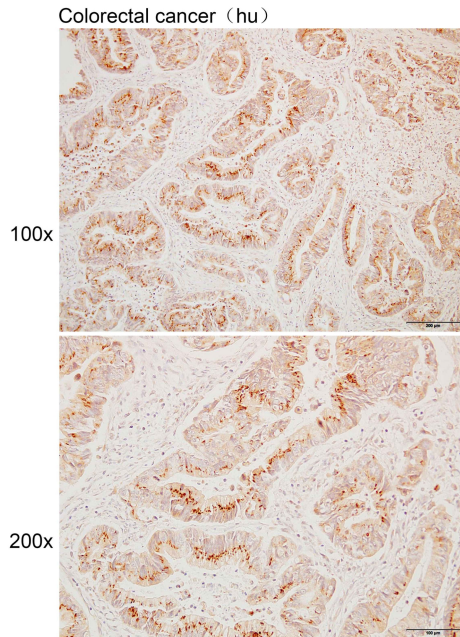
【Immunogen】 : A synthetic peptide of human HOXA1

【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

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. The encoded protein may be involved in the placement of hindbrain segments in the proper location along the anterior-posterior axis during development. Two transcript variants encoding two different isoforms have been found for this gene, with only one of the isoforms containing the homeodomain region.

Verified picture



Immunohistochemistry of paraffin-embedded Colorectal cancer using HOXA1 antibody diluted at 1:100