

HOXA5 Antibody

Catalog No: #43929

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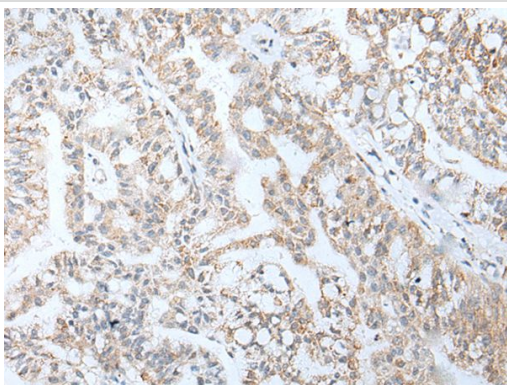
Description

Product Name	HOXA5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total HOXA5 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human HOXA5
Target Name	HOXA5
Other Names	HOX1; HOX1C; HOX1.3
Accession No.	Swiss-Prot#: P20719NCBI Gene ID: 3202
Uniprot	P20719
GeneID	3202;
Concentration	0.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

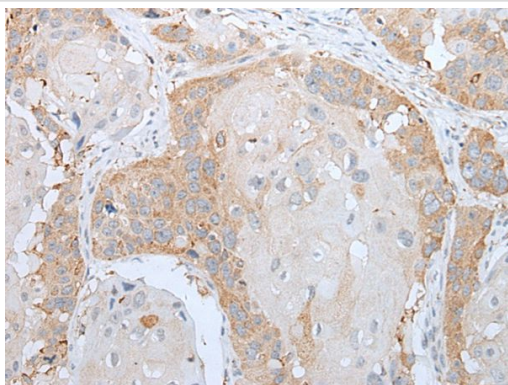
Application Details

Immunohistochemistry: 1: 10-50

Images



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using HOXA5 Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using HOXA5 Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

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. 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.

Note: This product is for in vitro research use only