

## HOXB7 Antibody

Catalog No: #43688

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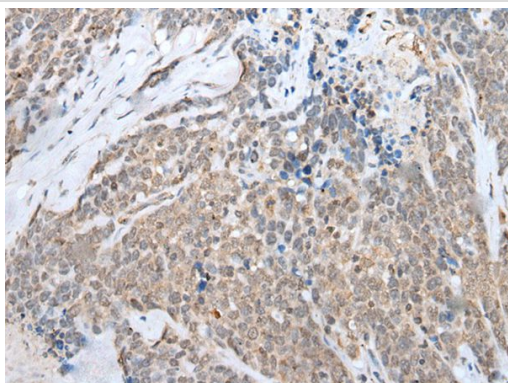
## Description

Product Name	HOXB7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total HOXB7 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human HOXB7
Target Name	HOXB7
Other Names	HOX2; HOX2C; HHO.C1; Hox-2.3
Accession No.	Swiss-Prot#: P09629NCBI Gene ID: 3217
Uniprot	P09629
GeneID	3217;
Concentration	0.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1: 20-100

## Images



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using HOXB7 Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

## Background

This gene is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of melanoma and ovarian carcinoma.

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Note: This product is for in vitro research use only