

## HOXA10 Antibody

Catalog No: #47136

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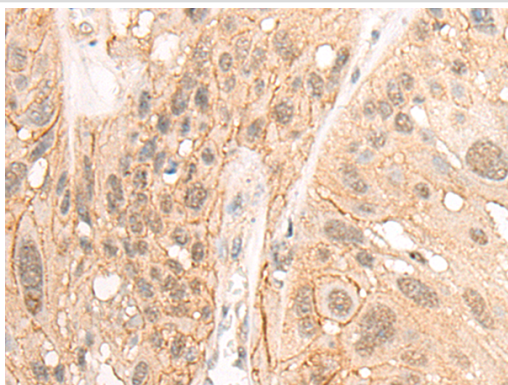
## Description

Product Name	HOXA10 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total HOXA10 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human HOXA10
Target Name	HOXA10
Other Names	PL; HOX1; HOX1H; HOX1.8
Accession No.	Swiss-Prot#:P31260NCBI Gene ID:3206Gene Accssion:NP_061824
Uniprot	P31260
GeneID	3206;
Calculated MW	42 kDa
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20C

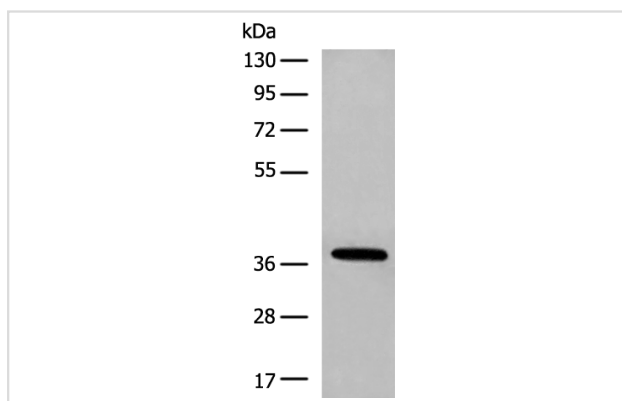
## Application Details

Western blotting:1:200-1000Immunofluorescence:1: 20-100

## Images



The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 47136(HOXA10 Antibody) at dilution 1/20. (Original magnification: ?00)



Gel: 8%SDS-PAGE  
Lysate: 40 µg, Lane: NIH/3T3 cell lysate  
Primary antibody:HOXA10 Antibody at dilution 1/300  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 20 seconds

## 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 that may regulate gene expression, morphogenesis, and differentiation. More specifically, it may function in fertility, embryo viability, and regulation of hematopoietic lineage commitment. Alternatively spliced transcript variants have been described. Read-through transcription also exists between this gene and the downstream homeobox A9 (HOXA9) gene.

Note: This product is for in vitro research use only