

## HOXC9 Antibody

Catalog No: #43944

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## Description

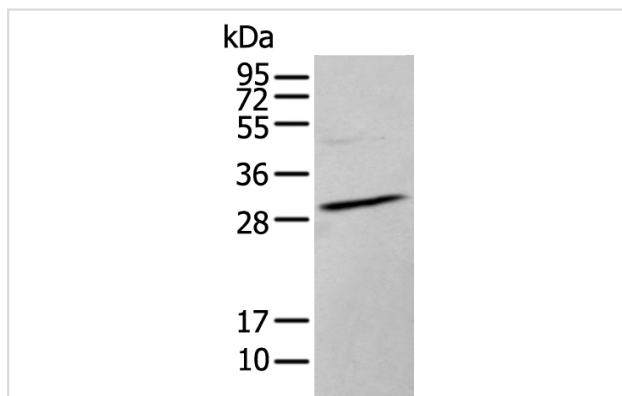
Product Name	HOXC9 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total HOXC9 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human HOXC9
Target Name	HOXC9
Other Names	HOX3; HOX3B
Accession No.	Swiss-Prot#: P31274NCBI Gene ID: 3225
Uniprot	P31274
GeneID	3225;
Calculated MW	29kd
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1000

Immunohistochemistry: 1: 20-100

## Images



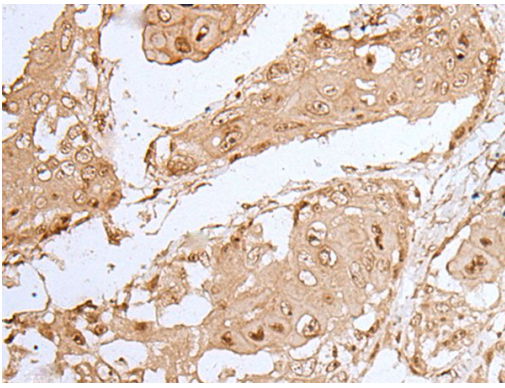
Gel: 12%SDS-PAGE

Lysate: 40 µg, Lane: TM4 cell lysate,

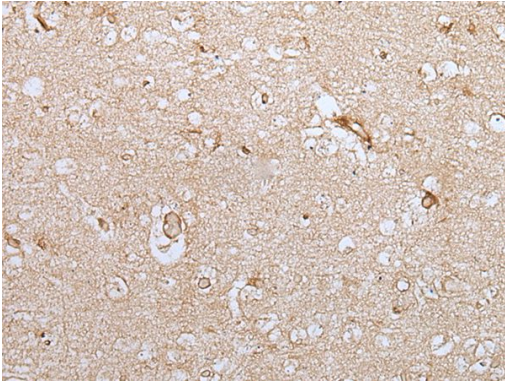
Primary antibody:HOXC9 antibody at dilution 1/350 dilution,

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,

Exposure time: 1 minute



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using HOXC9 Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using HOXC9 Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)

## 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 is one of several homeobox HOXC genes located in a cluster on chromosome 12.

Note: This product is for in vitro research use only