

HOXD8 Antibody

Catalog No: #46580

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

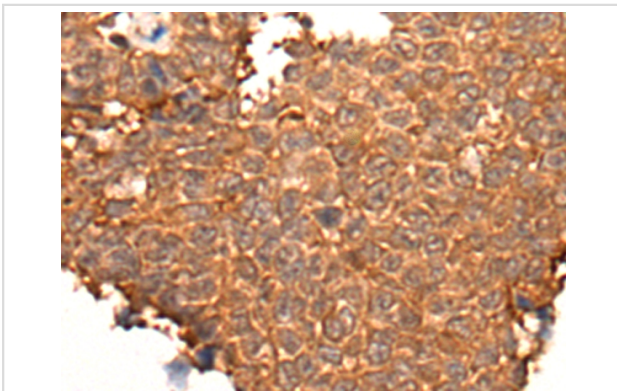
Description

Product Name	HOXD8 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total HOXD8 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to internal residues of human HOXD8
Target Name	HOXD8
Other Names	HOX4; HOX4E; HOX5.4
Accession No.	Swiss-Prot:P13378NCBI Gene ID:3234NCBI Protein:NP_062458
Uniprot	P13378
GeneID	3234;
Concentration	0.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

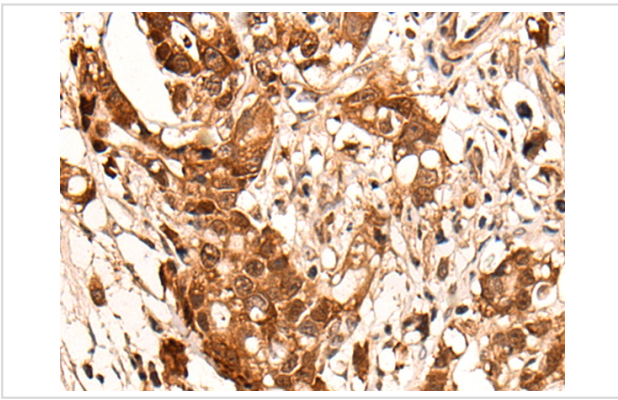
Application Details

Immunohistochemistry: 1: 30-150

Images



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 46580(HOXD8 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 46580(HOXD8 Antibody) at dilution 1/40, 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, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located in a cluster on chromosome 2. Deletions that remove the entire HOXD gene cluster or the 5' end of this cluster have been associated with severe limb and genital abnormalities. In addition to effects during embryogenesis, this particular gene may also play a role in adult urogenital tract function. Alternate splicing results in multiple transcript variants.

Note: This product is for in vitro research use only