

HDAC4 Antibody

Catalog No: #43687

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

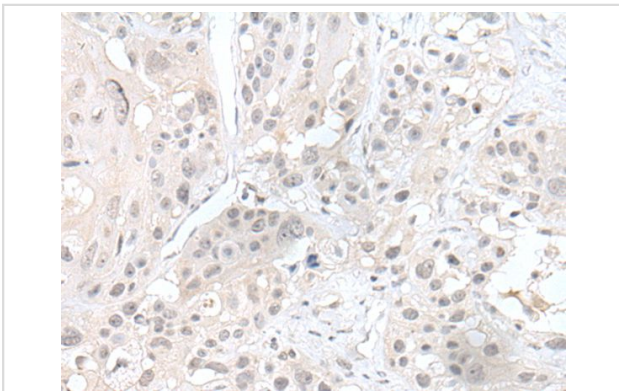
Description

Product Name	HDAC4 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 HDAC4 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human HDAC4
Target Name	HDAC4
Other Names	HD4; AHO3; BDMR; HDACA; HA6116; HDAC-4; HDAC-A
Accession No.	Swiss-Prot#: P56524 NCBI Gene ID: 9759
Uniprot	P56524
GeneID	9759;
Concentration	0.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

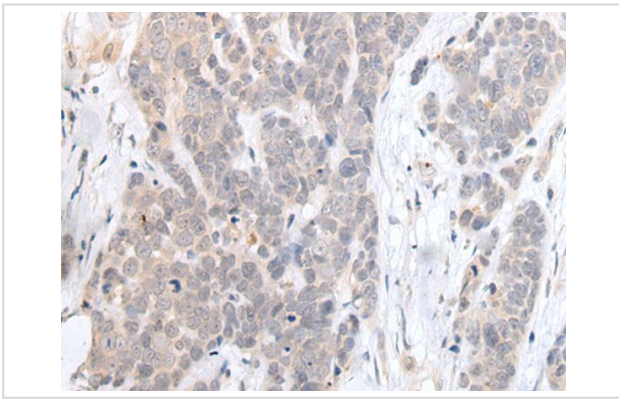
Application Details

Immunohistochemistry: 1: 20-100

Images



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using HDAC4 Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using HDAC4 Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetylase/acuc/alpha family. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. This protein does not bind DNA directly, but through transcription factors MEF2C and MEF2D. It seems to interact in a multiprotein complex with RbAp48 and HDAC3.

Note: This product is for in vitro research use only