

HDAC5 Antibody

Catalog No: #43465

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

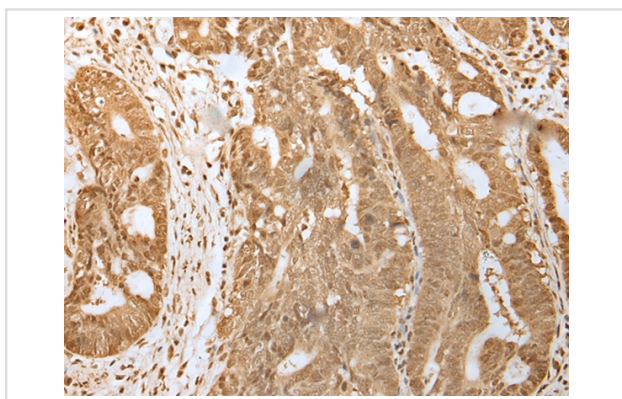
Description

Product Name	HDAC5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total HDAC5 protein.
Immunogen Description	Synthetic peptide of human HDAC5
Target Name	HDAC5
Other Names	HD5; NY-CO-9
Accession No.	Swiss-Prot#: Q9UQL6Gene ID: 10014
Uniprot	Q9UQL6
GeneID	10014;
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

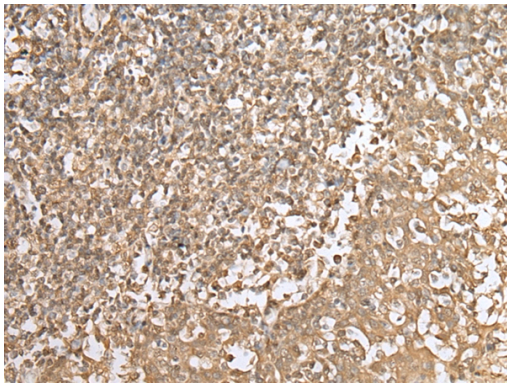
Application Details

Immunohistochemistry: 1:20-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #43465 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human tonsil tissue using #43465 at dilution 1/20.

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 the class II histone deacetylase/acuc/alpha family. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. It coimmunoprecipitates only with HDAC3 family member and might form multicomplex proteins. It also interacts with myocyte enhancer factor-2 (MEF2) proteins, resulting in repression of MEF2-dependent genes. This gene is thought to be associated with colon cancer. Two transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only