

HDAC7 Antibody

Catalog No: #31217

Package Size: #31217-1 50ul #31217-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	HDAC7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total HDAC7 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 938-951 amino acids of Human histone deacetylase 7
Target Name	HDAC7
Other Names	histone deacetylase 7, HD7A, HDAC7A
Accession No.	Swiss-Prot:Q8WUI4Gene ID:51564;
Uniprot	Q8WUI4
GeneID	51564;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

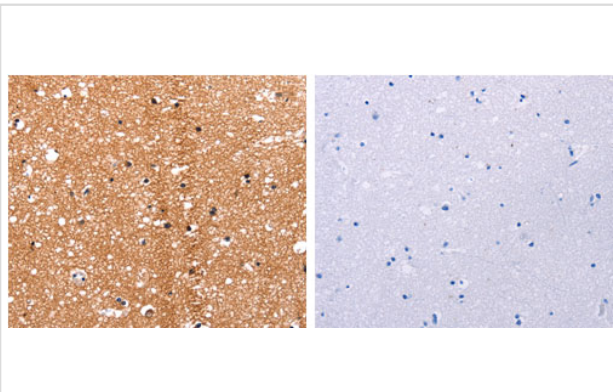
Application Details

Predicted MW: 66kd

ELISA: 1:1000-1:2000

Immunohistochemistry: 1:10-1:50

Images



The image on the left is immunohistochemistry of paraffin-embedded Human brain cancer tissue using 31217 (HDAC7 Antibody) at dilution 1/10, on the right is treated with the synthetic peptide.

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 has sequence homology to members of the histone deacetylase family. This gene is orthologous to mouse HDAC7 gene whose protein promotes repression mediated via the transcriptional corepressor SMRT. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only