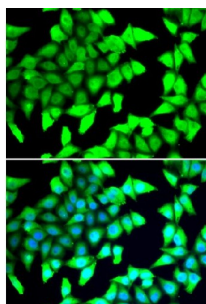


Histone Deacetylase 5 (HDAC5) Antibody

Catalogue No.: abx005424



Immunofluorescence analysis of A549 cells using HDAC5 Antibody

HDAC5 Antibody is a Rabbit Polyclonal antibody against HDAC5. 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/apha 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.

Target: Histone Deacetylase 5 (HDAC5)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: IF/ICC

Host: Rabbit

Recommended dilutions: IF/ICC: 1/20 - 1/50. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: A synthetic peptide corresponding to human HDAC5

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q9UQL6 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 3.0.0

Revision date: 29 Jun 2025



Gene Symbol: HDAC5

GeneID: [10014](#)

NCBI Accession: NP_005465.2

String: [9606.ENSP00000225983](#)

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only