

Anti-HDAC9 Rabbit Monoclonal Antibody

Catalog # ABO13697

Specification

Anti-HDAC9 Rabbit Monoclonal Antibody - Product Information

Application WB, IHC, IF, ICC

Primary Accession

Host

Isotype

Reactivity

Clonality

Format

Rabbit

Rabbit IgG

Rat, Human

Monoclonal

Liquid

Description

Anti-HDAC9 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Rat.

Anti-HDAC9 Rabbit Monoclonal Antibody - Additional Information

Gene ID 9734

Other Names

Histone deacetylase 9, HD9, 3.5.1.98, Histone deacetylase 7B, HD7, HD7b, Histone deacetylase-related protein, MEF2-interacting transcription repressor MITR, HDAC9, HDAC7, HDAC7B, HDRP, KIAA0744, MITR

Calculated MW 111297 MW KDa

Application Details

WB 1:5000-1:20000
IHC 1:50-1:200
ICC/IF 1:50-1:200

Subcellular Localization

Nucleus.

Tissue Specificity

Broadly expressed, with highest levels in brain, heart, muscle and testis. Isoform 3 is present in human bladder carcinoma cells (at protein level)..

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human HDAC9

Purification

Affinity-chromatography

Storage Store at -20°C for one year. For short term



storage and frequent use, store at 4°C for

freeze-thaw cycles.

up to one month. Avoid repeated

Anti-HDAC9 Rabbit Monoclonal Antibody - Protein Information

Name HDAC9

Synonyms HDAC7, HDAC7B, HDRP, KIAA0744, MITR

Function

Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Represses MEF2-dependent transcription.

Cellular Location

Nucleus.

Tissue Location

Broadly expressed, with highest levels in brain, heart, muscle and testis. Isoform 3 is present in human bladder carcinoma cells (at protein level).

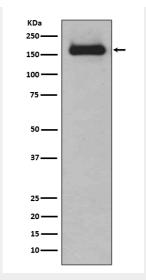
Anti-HDAC9 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

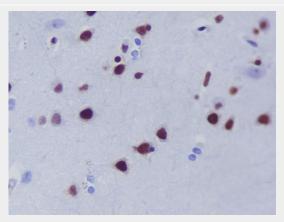
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-HDAC9 Rabbit Monoclonal Antibody - Images

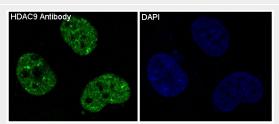




Western blot analysis of HDAC9 expression in K562 cell lysate.



Immunohistochemical analysis of paraffin-embedded human brain, using HDAC9 Antibody.



Immunofluorescent analysis of Hela cells, using HDAC9 Antibody.