

Anti-HDAC9 Rabbit Monoclonal Antibody

Catalog # ABO13697

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	Q9UKV0
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-HDAC9 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Rat.

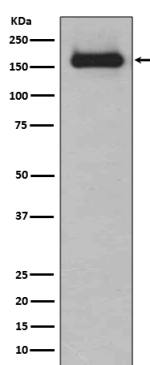
Additional Information

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
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)..
Source	Eukaryota
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.
Clone Names	Clone: HEF-8
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 up to one month. Avoid repeated freeze-thaw cycles.

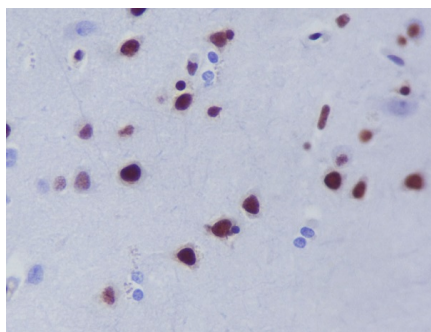
Protein Information

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).

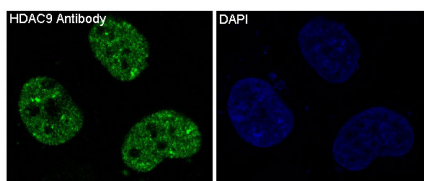
Images



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.