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HDAC9 Antibody

Rabbit mAb
Catalog # AP90890

Product Information

Application	WB, IHC, IF, ICC, IHF
Primary Accession	Q9UKV0
Reactivity	Rat, Human
Clonality	Monoclonal
Other Names	HD9; Histone deacetylase 7B; HD7; HD7b; Histone deacetylase-related protein; HDAC9; HDAC7; HDAC7B; HDRP; MITR;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	111297

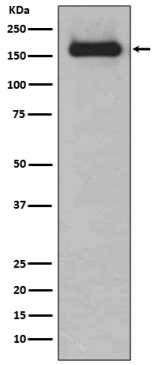
Additional Information

Dilution	WB 1:5000~1:20000 IHC 1:50~1:200 ICC/IF 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human HDAC9
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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.

Image not found : 202311/AP90890-IHC.jpg

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

Image not found : 202311/AP90890-IF.jpg

Immunofluorescent analysis of Hela cells, using HDAC9 Antibody.