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KD-Validated Anti-Histone deacetylase 9 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1037

Product Information

Application	WB, FC, ICC
Primary Accession	Q9UKV0
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB 2045
Calculated MW	111297
Gene Name	HDAC9
Aliases	HDAC9; Histone Deacetylase 9; HDAC7B; MITR; HD7; KIAA0744; HDAC; Histone Deacetylase 7B; EC 3.5.1.98; HDAC; HD7b; HDRP; HD9; MEF-2 Interacting Transcription Repressor (MITR) Protein; MEF2-Interacting Transcription Repressor MITR; Histone Deacetylase 4/5-Related Protein; Histone Deacetylase-Related Protein; HDAC9FL; ARCND4; HDAC9B
Immunogen	A synthesized peptide derived from human HDAC9

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

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).