

HDAC9 Antibody (C-term)

Catalog_no :	AB0883
Applications :	WB
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:503-533
Specificity :	This HDAC9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 503-533 amino acids from the C-terminal region of human HDAC9.
Dilution :	WB,1:1000;IHC-P,1:50~100;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Other_name :	Histone deacetylase 9, HD9, Histone deacetylase 7B, HD7, HD7b, Histone deacetylase-related protein, MEF2-interacting transcription repressor MITR, HDAC9, HDAC7, HDAC7B, HDRP, KIAA0744, MITR
Isotype :	Rabbit Ig
Background :	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 has sequence homology to members of the histone deacetylase family. This gene is orthologous to the Xenopus and mouse MITR genes. The MITR protein lacks the histone deacetylase catalytic domain. It represses MEF2 activity through recruitment of multicomponent corepressor complexes that include CtBP and HDACs. This encoded protein may play a role in hematopoiesis. Multiple alternatively spliced transcripts have been described for this gene but the full-length nature of some of them has not been determined.
reference :	Petrie, K., et al., J. Biol. Chem. 278(18):16059-16072 (2003). David, D., et al., Genomics 81(5):489-503 (2003). Mahlknecht, U., et al., Biochem. Biophys. Res. Commun. 293(1):182-191 (2002). Zhou, X., et al., Proc. Natl. Acad. Sci. U.S.A. 98(19):1057