# HDAC9 Rabbit pAb

**db9994** **Package : 20μL 50μL 100μL**

**Product Name :** HDAC9 Rabbit pAb
**Cat.No.:** db9994
**Synonyms :** HD7; HD9; HD7b; HDAC; HDRP; MITR; HDAC7; HDAC7B; HDAC9B; HDAC9FL
**Application :** WB, IHC, ICC/IF
**Reactivity :** Human, Rat
**Host species :** Rabbit

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| **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. [provided by RefSeq, Jul 2008] |
| **Immunogen** | A synthetic peptide of human HDAC9 |
| **Gene ID** | 9734 |
| **Swiss Prot** | Q9UKV0 |
| **Synonyms** | HD7; HD9; HD7b; HDAC; HDRP; MITR; HDAC7; HDAC7B; HDAC9B; HDAC9FL |
| **Reactivity** | Human, Rat |
| **Application** | WB, IHC, ICC/IF |
| **Recommended dilution** | WB: 1:2000-1:10000<br>IHC: 1:50<br>ICC/IF: 1:50 |
| **Calculated MW** | 111 kDa |
| **Observed MW** | 150 kDa |
| **Host species** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |

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| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |
| **Storage Stability** | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |