

**HDAC9 Antibody**  
Rabbit mAb  
Catalog # AP90890

## Specification

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### HDAC9 Antibody - Product Information

Application **WB, IHC, ICC, IP**  
Primary Accession **[O9UKV0](#)**  
Reactivity **Rat**  
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 Da**

### HDAC9 Antibody - Additional Information

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.**

### HDAC9 Antibody - 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

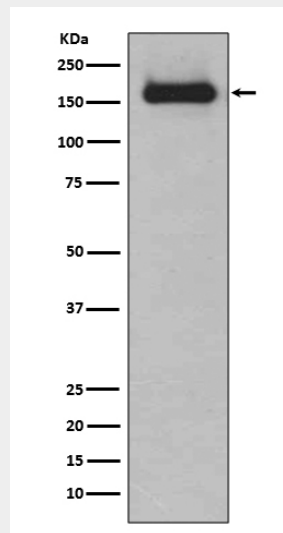
Broadly expressed, with highest levels in brain, heart, muscle and testis. Isoform 3 is present in human bladder carcinoma cells (at protein level).

### HDAC9 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### HDAC9 Antibody - Images



Western blot analysis of HDAC9 expression in K562 cell lysate.