

**HDAC9 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP50939**

**Specification**

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**HDAC9 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O9UKV0</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>117,112,118 KDa</b>
Antigen Region	<b>1032-1061</b>

**HDAC9 Antibody - Additional Information**

**Gene ID** 9734

**Other Names**

Histone deacetylase 9, HD9, Histone deacetylase 7B, HD7, HD7b, Histone deacetylase-related protein, MEF2-interacting transcription repressor MITR, HDAC9, HDAC7, HDAC7B, HDRP, KIAA0744, MITR

**Dilution**

WB~~ 1:500

**Format**

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 54% glycerol

**Storage**

Store at -20 °C.Stable for 12 months from date of receipt

**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

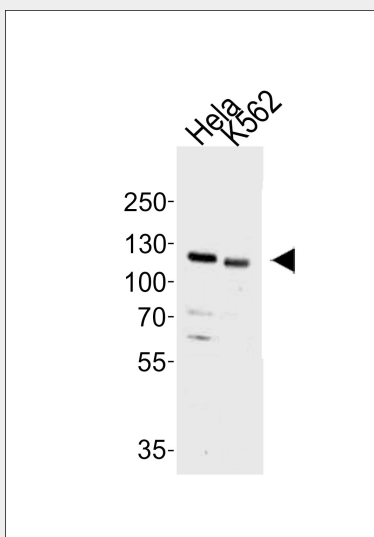
Broadly expressed, with highest levels in brain, heart, muscle and testis. Isoform 3 is present in human bladder carcinoma cells (at protein level).

### 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 lysates from HeLa, K562 cell line (from left to right), using HDAC9 Antibody (A1-0639). A1-0639 was diluted at 1:500 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 µg per lane.