

#### **HDAC9** Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP50939

## **Specification**

### **HDAC9 Antibody - Product Information**

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

WB
O9UKV0
Human
Rabbit
Polyclonal
117,112,118 KDa
1032-1061

## **HDAC9 Antibody - Additional Information**

#### **Gene ID 9734**

**Antigen Region** 

#### **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

### Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Histone Deacetylase 9. The exact sequence is proprietary.

## **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**

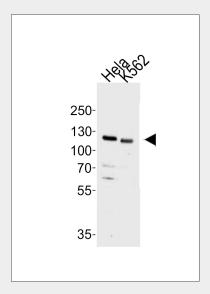
Broadly expressed, with highest levels in brain, heart, muscle and testis. Isoform 3 is present in human bladder carcinoma cells (at protein level).

# **HDAC9 Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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 20ug per lane.