

# HDAC9 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50939

## Product Information

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Application	WB
Primary Accession	<a href="#">Q9UKV0</a>
Other Accession	<a href="#">Q9UKV5</a> , <a href="#">Q9UKV6</a> , <a href="#">Q9UKV7</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	111297

## Additional Information

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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

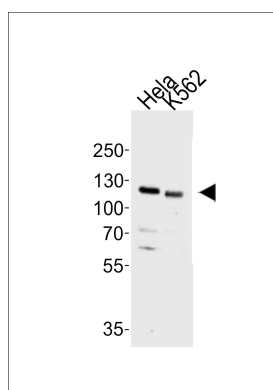
## Protein Information

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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).

## Images

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Western blot analysis of lysates from HeLa, K562 cell line (from left to right), using HDAC9 Antibody (AP50939). AP50939 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.