

# HDAC9 Rabbit mAb

Catalog # AP77560

## Product Information

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<b>Application</b>	WB, IHC-P, IF, ICC
<b>Primary Accession</b>	<a href="#">Q9UKV0</a>
<b>Reactivity</b>	Rat, Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human HDAC9
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	111297

## Additional Information

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<b>Gene ID</b>	9734
<b>Other Names</b>	HDAC9
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IF~~1/50-1/200 ICC~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

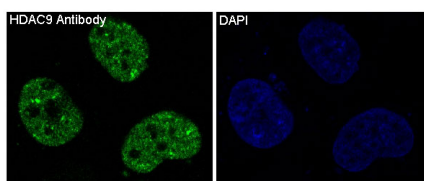
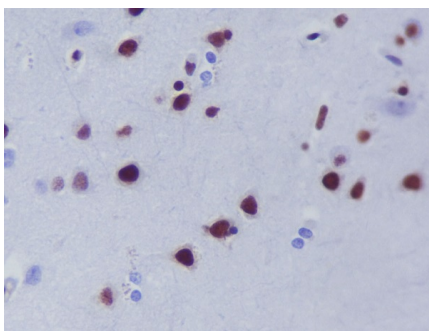
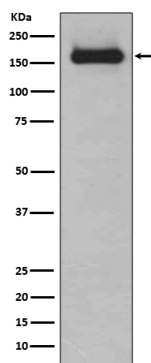
## Protein Information

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<b>Name</b>	HDAC9
<b>Synonyms</b>	HDAC7, HDAC7B, HDRP, KIAA0744, MITR
<b>Function</b>	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.
<b>Cellular Location</b>	Nucleus.
<b>Tissue Location</b>	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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