

Rabbit HDAC9 Polyclonal Antibody | anti-HDAC9 antibody

HDAC9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326204	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

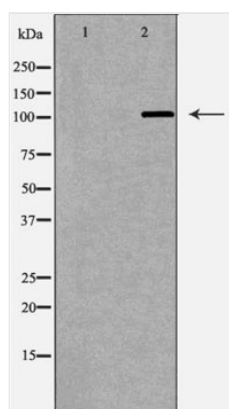
PRODUCT SYNONYMS

HDAC9; Polyclonal Antibody; HDAC9 Antibody; HD 7; HD 7B; HD 9; HD7; HD7B; HD9; HDAC 7; HDAC 7B; HDAC 9; HDAC 9B; HDAC 9FL; HDAC; HDAC7; HDAC7B; HDAC9_HUMAN; HDAC9B; HDAC9FL; HDRP; Histone deacetylase 4/5 related protein; Histone deacetylase 7; Histone deacetylase 7B; Histone deacetylase 9; Histone deacetylase 9A; Histone deacetylase related protein; Histone deacetylase-related protein; KIAA0744; MEF2 interacting transcription repressor MITR; MEF2 interacting transcription repressor protein; MEF2-interacting transcription repressor MITR; MITR; anti-HDAC9 antibody

PRODUCT SPECIFICATIONS

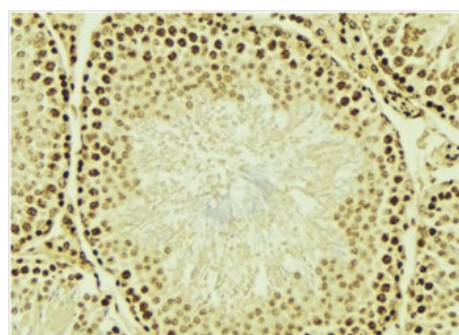
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HDAC9 antibody detects endogenous levels of total HDAC9
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	588
Applicable Applications for anti-HDAC9 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HDAC9, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Mouse kidney lysate, using HDAC9 Antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA326204 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC9 antibody	In the intact cell, DNA closely associates with histones and other nuclear proteins to form chromatin. The remodeling of chromatin is a critical component of transcriptional regulation and the acetylation of nucleosomal histones is a major source of this remodeling. Acetylation of lysine residues in the amino terminal tail domain of histone results in an allosteric change in the nucleosomal conformation and an increased accessibility to transcription factors by DNA. Several mammalian proteins function as nuclear histone acetylases, including GCN5, PCAF (p300/CBP-associated factor), p300/CBP, HAT1 and the TFIID subunit TAF II p250. Conversely, the deacetylation of histones is associated with transcriptional silencing. The histone deacetylases (HDAC) include HDAC1-9.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	323423044
NCBI GeneID	9734
NCBI Accession #	NP_001191073.1
NCBI GenBank Nucleotide #	NM_001204144.2
UniProt Accession #	Q9UKV0; O94845; O95028; Q2M2R6; A7E2F3; B7Z4I4; B7Z917; B7Z928; B7Z940; C9JS87; E7EX34; F8W9E0
Molecular Weight	111 kDa
NCBI Official Full Name	histone deacetylase 9 isoform 6
NCBI Official Synonym Full Names	histone deacetylase 9
NCBI Official Symbol	HDAC9
NCBI Official Synonym Symbols	HD7; HD9; HD7b; HDAC; HDRP; MITR; HDAC7; HDAC7B; HDAC9B; HDAC9FL
NCBI Protein Information	histone deacetylase 9
UniProt Protein Name	Histone deacetylase 9
UniProt Gene Name	HDAC9
UniProt Synonym Gene Names	HDAC7; HDAC7B; HDRP; KIAA0744; MITR; HD9; HD7; HD7b

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.