

HDAC1 (3F5) Mouse mAb

db6538

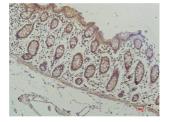
Package : 50µL 100µL

Product Name : HDAC1 (3F5) Mouse mAb Cat.No.: db6538 Synonyms : HDAC1; RPD3L1; Histone deacetylase 1; HD1 Application : IHC-P Reactivity : Human, Rat, Mouse Host species : Mouse

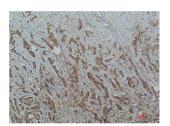
Background	Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones
	(H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an
	important role in transcriptional regulation, cell cycle progression and developmental events.
	Histone deacetylases act via the formation of large multiprotein complexes. Deacetylates SP
	proteins, SP1 and SP3, and regulates their function. Component of the BRG1-RB1-HDAC1
	complex, which negatively regulates the CREST-mediated transcription in resting neurons. Upon
	calcium stimulation, HDAC1 is released from the complex and CREBBP is recruited, which
	facilitates transcriptional activation. Deacetylates TSHZ3 and regulates its transcriptional repressor
	activity. Deacetylates 'Lys-310' in RELA and thereby inhibits the transcriptional activity of NF-
	kappa-B. Deacetylates NR1D2 and abrogates the effect of KAT5-mediated relieving of NR1D2
	transcription repression activity. Component of a RCOR/GFI/KDM1A/HDAC complex that
	suppresses, via histone deacetylase (HDAC) recruitment, a number of genes implicated in
	multilineage blood cell development. Involved in CIART-mediated transcriptional repression of the
	circadian transcriptional activator/ CLOCK-ARNTL/BMAL1 heterodimer. Required for the
	transcriptional repression of circadian target genes, such as PER1, mediated by the large PER
	complex or CRY1 through histone deacetylation.
Immunogen	Synthetic peptide conjugated to KLH
Gene ID	3065
Swiss Prot	Q13547
Synonyms	HDAC1; RPD3L1; Histone deacetylase 1; HD1
Departuite	
Reactivity	Human, Rat, Mouse
Application	IHC-P
Recommended dilution	IHC: 1:50-1:100
Calculated MW	62 kDa

dvagbvo 戴格生物

Host species	Mouse
Clonality	Monoclonal
Clonality No.	3F5-2E8-1F7
lsotype	lgG1
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



Immunohistochemistry analysis of paraffin-embedded Human Colon Carcinoma Tissue using HDAC1 (3F5) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using HDAC1 (3F5) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.