



Anti-HDAC1 (aa 385-396) polyclonal antibody (DPAB-DC1939)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	HDAC1 (histone deacetylase 1) is a protein-coding gene. Diseases associated with HDAC1 include atrichia with papular lesions, and chromosome 1p deletion, and among its related super-pathways are Constitutive Signaling by NOTCH1 PEST Domain Mutants and Notch signaling pathway. GO annotations related to this gene include enzyme binding and sequence-specific DNA binding transcription factor activity. An important paralog of this gene is HDAC2.
Specificity	This antibody may cross-react to HDAC2.
Immunogen	A synthetic peptide corresponding to amino acids 385-396 at internal region of mouse Hdac1. The sequence is C-PEDAIPEESGDE
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Cell lysate), ELISA,
Format	Liquid
Size	100 µg
Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Hdac1 histone deacetylase 1 [Mus musculus (house mouse)]
Official Symbol	HDAC1
Synonyms	HDAC1; histone deacetylase 1; HD1; RPD3; MommeD5; Hdac1-ps;
Entrez Gene ID	433759
Protein Refseq	NP_032254
UniProt ID	O09106
Chromosome Location	4 D2.2; 4 63.26 cM
Pathway	Alcoholism; Amphetamine addiction; Androgen Receptor Signaling Pathway; Cell Cycle, Mitotic
Function	DNA binding; Krueppel-associated box domain binding; NAD-dependent histone deacetylase activity (H3-K14 specific); NAD-dependent histone deacetylase activity (H3-K18 specific)