

Mouse Anti-HDAC3 antibody

SLM-60742M

Product Name	HDAC3
Chinese Name	组蛋白去乙酰化酶 3 单克隆抗体
Alias	RPD3 2; RPD3-2; HD 3; HD3; HDAC 3; Histone deacetylase 3 (HD3) (RPD3-2); histone deacetylase 3; RPD 3; RPD3; SMAP 45; SMAP-45; SMAP45; HDAC3_HUMAN
Research Area	Tumour Cell biology Developmental biology transcriptional regulatory factor Epigenetics
Immunogen Species	Mouse
Clonality	Monoclonal
React Species	Human
Applications	WB=1:500-1000,Flow-Cyt=1:50-100 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	47kDa
Cellular localization	The nucleus
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human HDAC3
Lsotype	IgG2b, Kappa
Purification	affinity purified by Protein G
Buffer Solution	PBS, Glycerol, BSA
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone

acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. It may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. This protein can also down-regulate p53 function and thus modulate cell growth and apoptosis. This gene is regarded as a potential tumor suppressor gene. [provided by RefSeq, Jul 2008].

SWISS:
O15379

Gene ID:
8841

Database links:

[Entrez Gene: 8841](#) Human

[Entrez Gene: 15183](#) Mouse

[Entrez Gene: 84578](#) Rat

[Omim: 605166](#) Human

[SwissProt: O15379](#) Human

[SwissProt: O88895](#) Mouse

[SwissProt: Q6P6W3](#) Rat

[Unigene: 519632](#) Human

[Unigene: 20521](#) Mouse

[Unigene: 17284](#) Rat