

产品名称: HDAC10 (5B13) Rabbit Monoclonal Antibody
产品货号: AMRe11939



产品概述 (Summary)

产品名称 (Production Name)	HDAC10 (5B13) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, FC, IP
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	HDAC10
别名 (Alternative Names)	HD10; HDAC 10; Hdac10; Histone deacetylase 10; MGC149722;
基因 ID (Gene ID)	83933.0
蛋白 ID (SwissProt ID)	Q969S8.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:100-1:200, FC 1:100-1:200, IP 1:50-1:200
蛋白分子量 (Molecular Weight)	71kDa

研究背景 (Background)

产品名称: HDAC10 (5B13) Rabbit Monoclonal Antibody
产品货号: AMRe11939

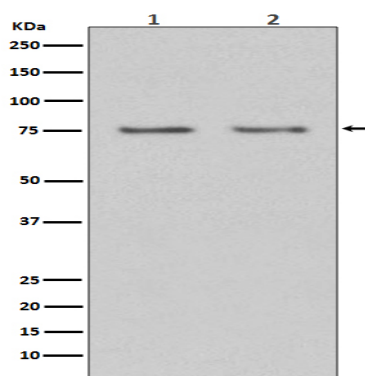


Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. Polyamine deacetylase (PDAC), which acts preferentially on N(8)-acetylspermidine, and also on acetylcadaverine and acetylputrescine (PubMed: 28516954). Exhibits attenuated catalytic activity toward N(1),N(8)-diacetylspermidine and very low activity, if any, toward N(1)-acetylspermidine (PubMed: 28516954). Histone deacetylase activity has been observed in vitro (PubMed: 11861901, PubMed: 11726666, PubMed: 11677242, PubMed: 11739383). Has also been shown to be involved in MSH2 deacetylation (PubMed: 26221039). The physiological relevance of protein/histone deacetylase activity is unclear and could be very weak (PubMed: 28516954). May play a role in the promotion of late stages of autophagy, possibly autophagosome- lysosome fusion and/or lysosomal exocytosis in neuroblastoma cells (PubMed: 23801752, PubMed: 29968769). May play a role in homologous recombination (PubMed: 21247901). May promote DNA mismatch repair (PubMed: 26221039).

研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)



Western blot analysis of HDAC10 expression in (1) HeLa cell lysate; (2) 3T3 cell lysate.

产品名称: HDAC10 (5B13) Rabbit Monoclonal Antibody
产品货号: AMRe11939



注意事项 (Note)

For research use only .