

HDAC1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19738b**Specification**

HDAC1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q13547 , Q4QQW4
Other Accession	Q4QQW4 , O09106 , Q32PJ8 , NP_004955.2 , Q13547
Reactivity	Human, Rat
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	421-450

HDAC1 Antibody (C-term) - Additional Information**Other Names**

Histone deacetylase 1, HD1, HDAC1, RPD3L1

Target/Specificity

This HDAC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 421-450 amino acids from the C-terminal region of human HDAC1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

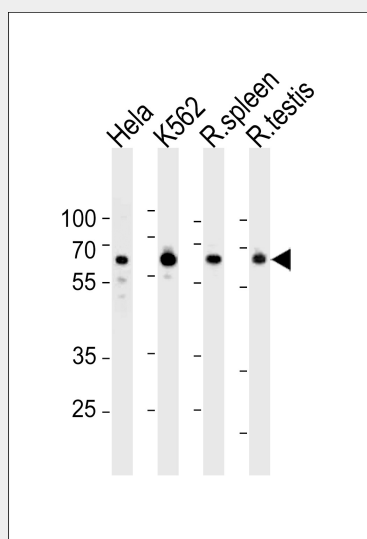
HDAC1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HDAC1 Antibody (C-term) - Protein Information**HDAC1 Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HDAC1 Antibody (C-term) - Images



HDAC1 Antibody (C-term) (Cat. #AP19738b) western blot analysis in HeLa, K562 cell line and rat spleen and testis tissue lysates (35ug/lane). This demonstrates the HDAC1 antibody detected the HDAC1 protein (arrow).

HDAC1 Antibody (C-term) - Background

Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis.

HDAC1 Antibody (C-term) - References

Yang, Z., et al. Clin. Chem. Lab. Med. 48(12):1785-1791(2010)
Grausenburger, R., et al. J. Immunol. 185(6):3489-3497(2010)
Miller, K.M., et al. Nat. Struct. Mol. Biol. 17(9):1144-1151(2010)
Brandt, S., et al. Int. J. Biochem. Cell Biol. 42(9):1472-1481(2010)
Leone, V., et al. Oncogene 29(30):4341-4351(2010)