Product Name: HDAC8 Rabbit Polyclonal Antibody
Catalog #: APRab00120

Summary

Production Name	HDAC8 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,FC,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	HDAC8
Alternative Names	HDAC8; HDACL1; CDA07; Histone deacetylase 8; HD8
Gene ID	55869
SwissProt ID	Q9BY41

Application

Dilution Ratio	WB: 1/500-1/1000 IP: 1/20 FC: 1/50-1/100
Molecular Weight	Calculated MW: 42 kDa; Observed MW: 42 kDa

Background

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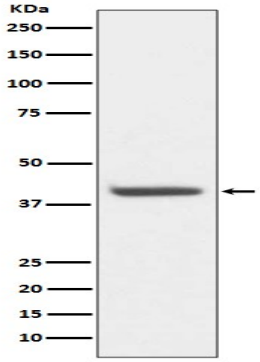
Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. May play a role in smooth muscle cell contractility.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of HDAC8 in HeLa lysates using HDAC8 antibody.

Note

For research use only.