

HDAC1 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide with sequence C-KPEAKGVKEEVK.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Ammonium sulfate precipitation
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-2 µg/mL	-
Immunocytochemistry (ICC/IF)	10 µg/mL	-
ChIP assay (ChIP)	2 µg	-

Product Specific Information

This antibody is tested in Peptide ELISA: antibody detection limit dilution 1:4,000.

Product Images For HDAC1 Polyclonal Antibody

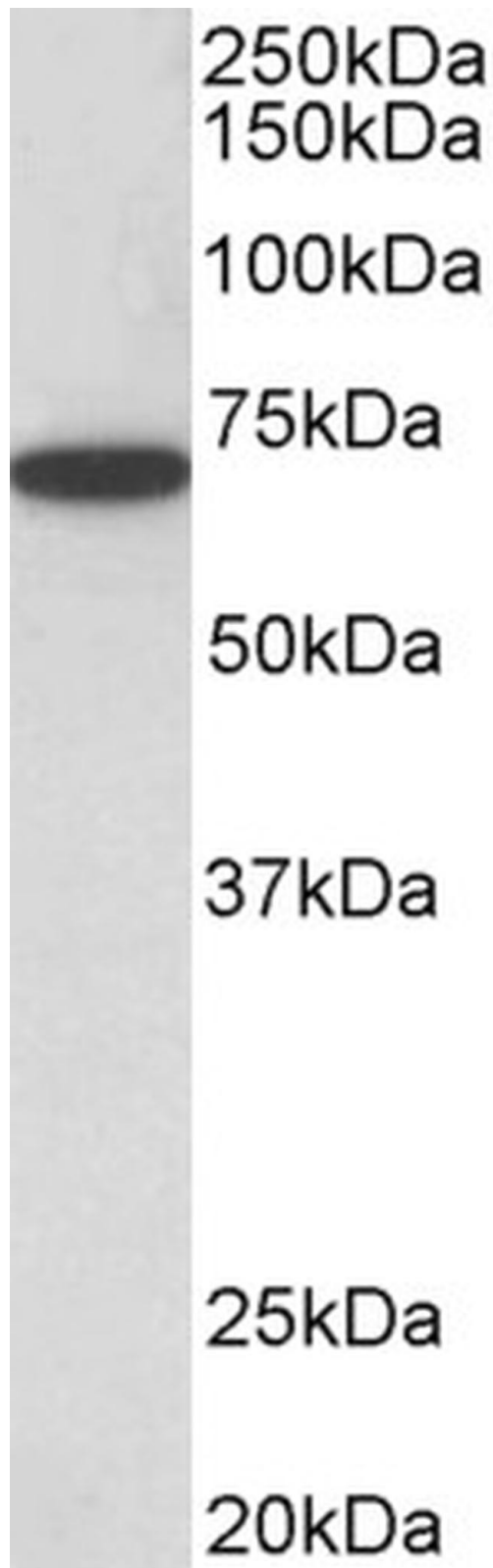
A B

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa



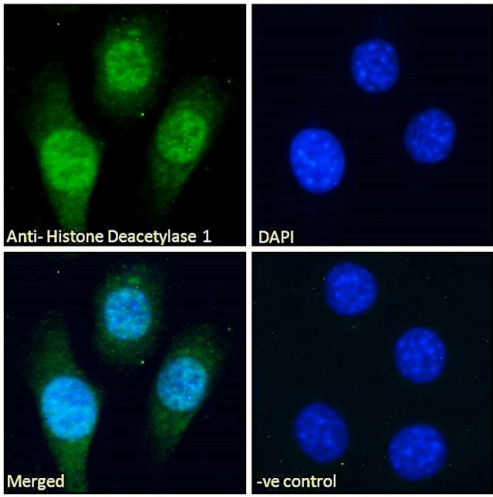
HDAC1 Antibody (PA5-142215) in WB

Western Blot analysis of HDAC1 in Human Duodenum (A) and Lymph Node (B) lysate (35 µg protein in RIPA buffer) using HDAC1 Polyclonal Antibody (Product # PA5-142215) at 0.1 µg/mL incubated for 1 hour. Detected by chemiluminescence.



HDAC1 Antibody (PA5-142215) in WB

Western Blot analysis of HDAC1 in HeLa lysate (35 µg protein in RIPA buffer) using HDAC1 Polyclonal Antibody (Product # PA5-142215) at 0.5 µg/mL incubated for 1 hour. Detected by chemiluminescence.



HDAC1 Antibody (PA5-142215) in ICC/IF

Immunocytochemistry-Immunofluorescence analysis of HDAC1 in NIH3T3 cells using HDAC1 Polyclonal Antibody (Product # PA5-142215). Cells were fixed with paraformaldehyde, permeabilized with 0.15% Triton, and incubated with the primary antibody for 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL).

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