

For Research Use Only

CoraLite®488-conjugated HDAC1 Polyclonal antibody



Catalog Number: CL488-10197

Featured Product

Basic Information

Catalog Number:

CL488-10197

GenBank Accession Number:

BC000301

Purification Method:

Antigen affinity purification

Size:

100ul , Concentration: 1000 µg/ml by Nanodrop;

GeneID (NCBI):

3065

Excitation/Emission maxima wavelengths:

488 nm/515 nm

Source:

Rabbit

Full Name:

histone deacetylase 1

Calculated MW:

55 kDa

Isotype:

IgG

Observed MW:

60 kDa

Immunogen Catalog Number:

AG0256

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

Background Information

Histone deacetylases(HDAC) are a class of enzymes that remove the acetyl groups from the lysine residues leading to the formation of a condensed and transcriptionally silenced chromatin. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex, which is responsible for gene expression silencing. It also plays an important role in the control of cell proliferation and differentiation by interacting with RB, p53 and other transcription factors. At least 4 classes of HDAC were identified. As a class I HDAC, HDAC 1 was primarily found in the nucleus. This antibody is a rabbit polyclonal antibody raised against residues near the C terminus of human HDAC1. The calculated molecular weight of HDAC1 is 55 kDa, but modified HDAC1 is about 60-65 kDa .

Storage

Storage:

Store at -20°C. Avoid exposure to light.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

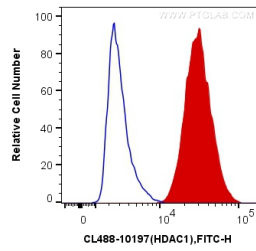
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite®488 Anti-Human HDAC1 (CL488-10197) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).