CoraLite® Plus 488-conjugated HDAC1 Polyclonal antibody

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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:** 493 nm / 522 nm
Source: Rabbit	**UNIPROT ID:** Q13547	
Isotype: IgG	**Full Name:** histone deacetylase 1	
Immunogen Catalog Number: AG0256	**Calculated MW:** 55 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications:

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 calcualted molecular weight of HDAC1 is 55 kDa, but modified HDAC1 is about 60-65 kDa .

Storage

Storage:
Store at -20℃. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage