

Allgemeine Informationen

Katalog-Nr.: 10197-1-AP	GenBank-Zugangsnummer: BC000301	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 400 µg/ml von Nanodrop;	GeneID (NCBI): 3065	Empfohlene Verdünnungen: WB 1:8000-1:20000
Wirt: Kaninchen	Vollständiger Name: histone deacetylase 1	IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
Isotyp: IgG	Berechnete Masse: 55 kDa	IHC 1:50-1:500
Immunogen Katalognummer: AG0256	Beobachtete Masse: 60 kDa	IF 1:300-1:1200

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
ChIP, CoIP, IF, IHC, IP, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Maus, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: C6-Zellen, HeLa-Zellen, Jurkat-Zellen, K-562-Zellen, Maushodengewebe, NIH/3T3-Zellen

IP: Maushodengewebe,

IHC: humanes Pankreaskarzinomgewebe, humanes Hodengewebe

IF: HeLa-Zellen,

Hintergrundinformationen

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 .

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ser Yue Loo	34580286	Cell Death Discov	IHC
Fang Guo	32951004	Cell Death Dis	ChIP
Hironori Bando	30283439	Front Immunol	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

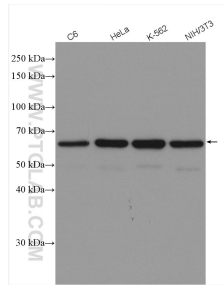
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

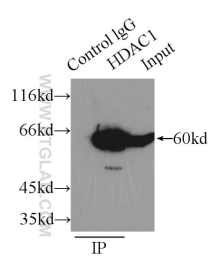
E: proteintech@ptglab.com
W: ptglab.com

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

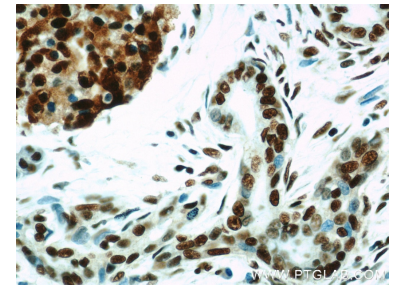
Ausgewählte Validierungsdaten



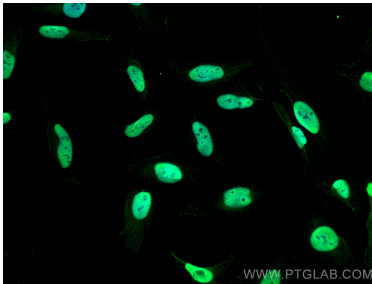
Various lysates were subjected to SDS PAGE followed by western blot with 10197-1-AP (HDAC1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



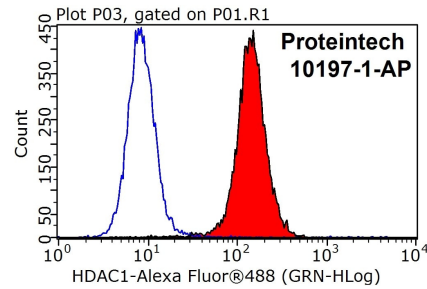
IP Result of anti-HDAC1 (IP:10197-1-AP, 3ug; Detection:10197-1-AP 1:500) with mouse testis tissue lysate 10000ug.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 10197-1-AP (HDAC1 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HDAC1 antibody (10197-1-AP) at dilution of 1:600 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ HeLa cells were stained with 0.2ug HDAC1 antibody (10197-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.