

Nur für Forschungszwecke

HDAC2 Polyklonaler Antikörper

Katalog-Nr.:12922-3-AP

Vorgestelltes Produkt

57 Publikationen



Allgemeine Informationen

Katalog-Nr.: 12922-3-AP	GenBank-Zugangsnummer: BC031055	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 600 µg/ml von Nanodrop;	GeneID (NCBI): 3066	Empfohlene Verdünnungen: WB 1:5000-1:50000
Wirt: Kaninchen	Vollständiger Name: histone deacetylase 2	IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
Isotyp: IgG	Berechnete Masse: 458 aa, 52 kDa; 488 aa,55 kDa	IHC 1:200-1:2000
Immunogen Katalognummer: AG3607	Beobachtete Masse: 55-60 kDa	IF 1:1000-1:4000

Anwendungen

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

In Publikationen genannte Anwendungen:
chIP, IF, IHC, IP, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Maus, Ratte

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

Positivkontrollen:

WB: HEK-293-Zellen, C6-Zellen, HeLa-Zellen, HepG2-Zellen, humanes Nierengewebe, L02-Zellen, MCF-7-Zellen, NIH/3T3-Zellen, Rattenlebergewebe, Rattennierengewebe

IP: Maushodengewebe,

IHC: humanes Prostatakarzinomgewebe, humanes Hodengewebe, humanes Mammakarzinomgewebe

IF: HepG2-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. Histone deacetylases act via the formation of large multiprotein complexes, and are responsible for the deacetylation of lysine residues at the N-terminal regions of core histones (H2A, H2B, H3 and H4). At least 4 classes of HDAC were identified. As a class I HDAC, HDAC2 was primarily found in the nucleus. HDAC2 forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. This antibody is a rabbit polyclonal antibody raised against residues near the C terminus of human HDAC2.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Hong Mai	34586697	J Cell Mol Med	IHC
Daniel B McClatchy	32994440	Sci Rep	WB
Z Li	26411366	Oncogene	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**

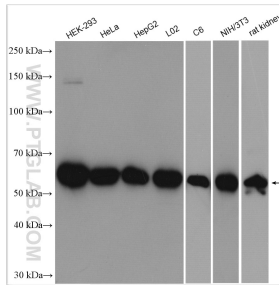
For technical support and original validation data for this product please contact:

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

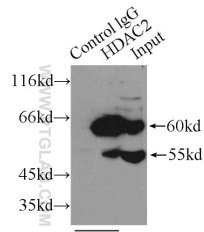
E: proteintech@ptglab.com
W: ptglab.com

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

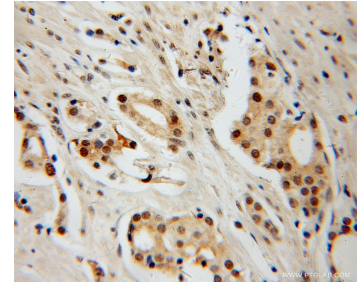
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 12922-3-AP (HDAC2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



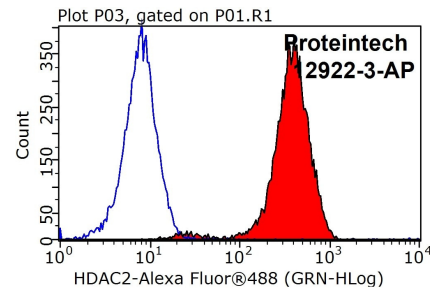
IP Result of anti-HDAC2 (IP:12922-3-AP, 3ug; Detection:12922-3-AP 1:1000) with mouse testis tissue lysate 10000ug.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 12922-3-AP (HDAC2 antibody) at dilution of 1:100 (under 10x lens).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HDAC2 antibody (12922-3-AP) at dilution of 1:2000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



1x10⁶ HEK-293T cells were stained with .2ug HDAC2 antibody (12922-3-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.