Nur für Forschungszwecke

HDAC2-specific Polyklonaler Antikörper

Katalog-Nr.:16152-1-AP

3 Publikationen

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Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
16152-1-AP

Größe:
150ul , Konzentration: 350 μg/ml von Nanodrop und 233 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

GenBank-Zugangsnummer:
NM_001527

GeneID (NCBI):
3066

Vollständiger Name:
histone deacetylase 2

Berechneté Masse:
458 aa, 52 kDa; 488 aa, 55 kDa

Beobachteté Masse:
55 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:2000
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
IHC 1:20-1:200
IF 1:10-1:100

Anwendungen

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

In Publikationen genannte Anwendungen:
IF, WB

Getestete Reaktivität:
Human

Zitierte Arten:
Human

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

Positivkontrollen:

WB : HepG2-Zellen, A431-Zellen, HeLa-Zellen, humanes Lebergewebe

IP : A431-Zellen,

IHC : humanes Hodengewebe, humanes Eierstockgewebe, humanes Hautgewebe, humanes Herzgewebe, humanes Hirngewebe, humanes Lebergewebe, humanes Milzgewebe, humanes Nierengewebe

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.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 a peptide mapping within human HDAC2 and is specific to HDAC2. It will not cross react with other HDACs.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ruiqing Zhou	32234630	Chemosphere	WB
Tianyou Yan	28235656	Leuk Res	IF
Yi-Min Cheng	32142584	Hum Reprod	

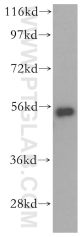
Lagerung

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

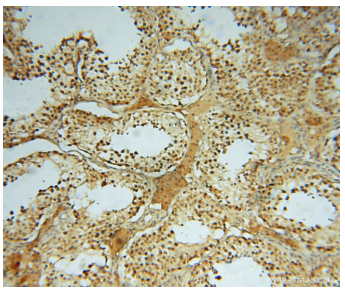
*** 20ul-Größen enthalten 0.1% BSA

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

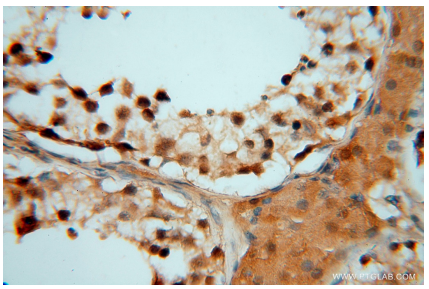
Ausgewählte Validierungsdaten



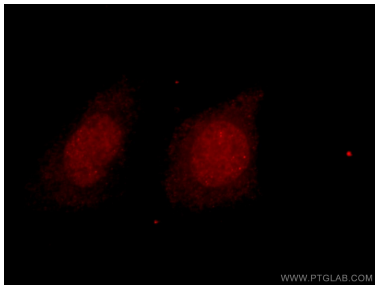
HepG2 cells were subjected to SDS PAGE followed by western blot with 16152-1-AP (HDAC2-specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



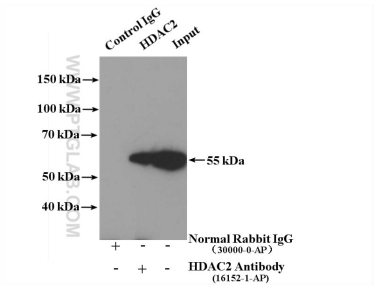
Immunohistochemical analysis of paraffin-embedded human testis using 16152-1-AP (HDAC2-specific antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 16152-1-AP (HDAC2-specific antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 16152-1-AP (HDAC2-specific antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



IP Result of anti-HDAC2-specific (IP:16152-1-AP, 4ug; Detection:16152-1-AP 1:500) with A431 cells lysate 2400ug.