

Allgemeine Informationen

Katalog-Nr.: 10255-1-AP	GenBank-Zugangsnummer: BC000614	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 600 µg/ml von Nanodrop;	GeneID (NCBI): 8841	Empfohlene Verdünnungen: WB 1:500-1:3000 IP 0.5-4.0 ug für IP und 1:200-1:1000 für WB IHC 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: histone deacetylase 3	
Isotyp: IgG	Berechnete Masse: 49 kDa	
Immunogen Katalognummer: AG0396	Beobachtete Masse: 49 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, IP, WB, ELISA	Positivkontrollen:
In Publikationen genannte Anwendungen: ChIP, CoIP, IF, IHC, IP, WB	WB: A431-Zellen, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, HL-60-Zellen, Jurkat-Zellen, K-562-Zellen, U-251-Zellen
Getestete Reaktivität: Human	IP: A431-Zellen,
Zitierte Arten: Human, Maus, Ratte	IHC: humanes Ovarialkarzinomgewebe,

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

Hintergrundinformationen

Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. Histone deacetylase (HDAC) and histone acetyltransferase (HAT) are enzymes that regulate transcription by selectively deacetylating or acetylating the (-amino groups of lysines located near the amino termini of core histone proteins. At least 4 classes of HDAC were identified. HDAC3 is a class I HDAC. HDAC3 has histone deacetylase activity and may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. HDAC3 can also down-regulate p53 function and thus modulate cell growth and apoptosis. The gene encoding HDAC3 is regarded as a potential tumor suppressor gene. This antibody is a rabbit polyclonal antibody raised against an internal region of human HDAC3.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Rui Han	36175803	Med Oncol	WB
Zhengrong Gu	36106389	J Clin Lab Anal	IHC
Hairui Yuan	25213552	Acta Physiol (Oxf)	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.

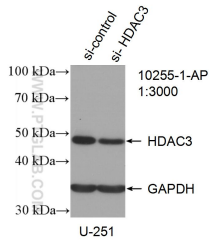
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

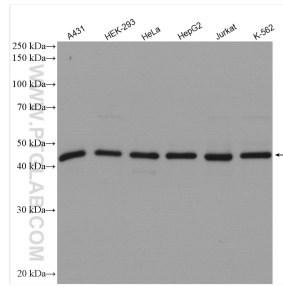
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

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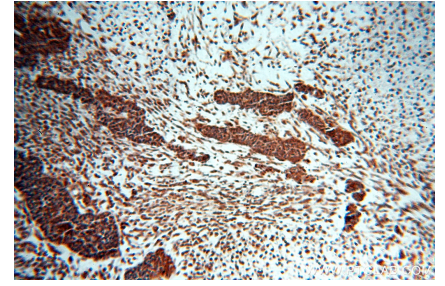
Ausgewählte Validierungsdaten



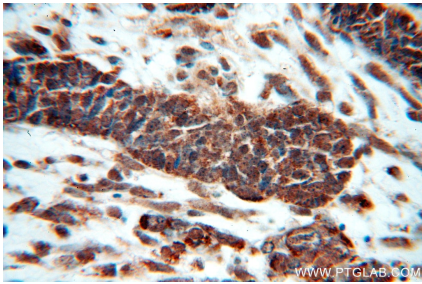
WB result of HDAC3 antibody (10255-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HDAC3 transfected U-251 cells.



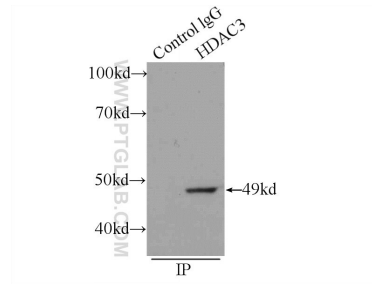
Various lysates were subjected to SDS PAGE followed by western blot with 10255-1-AP (HDAC3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 10255-1-AP (HDAC3 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 10255-1-AP (HDAC3 antibody) at dilution of 1:50 (under 40x lens).



IP Result of anti-HDAC3 (IP:10255-1-AP, 3ug; Detection:10255-1-AP 1:300) with A431 cells lysate 1200ug.