

Allgemeine Informationen

Katalog-Nr.:
17449-1-AP

Größe:
150ul , Konzentration: 500 µg/ml von Nanodrop und 267 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG11572

GenBank-Zugangsnummer:
BC039904

GeneID (NCBI):
9759

Vollständiger Name:
histone deacetylase 4

Berechnete Masse:
972 aa, 106 kDa

Beobachtete Masse:
119-140 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000

IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB

IHC 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

ChIP, CoIP, IF, IHC, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human

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

Positivkontrollen:

WB: Jurkat-Zellen, HEK-293T-Zellen, HEK-293-Zellen, HeLa-Zellen

IP: HeLa-Zellen,

IHC: humanes Nierengewebe, humanes Zervixkarzinomgewebe

Hintergrundinformationen

HDAC4, also named as HDACA, belongs to the histone deacetylase family. HDAC4 is responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. HDAC4 is involved in muscle maturation via its interaction with the myocyte enhancer factors such as MEF2A, MEF2C and MEF2D. This antibody is a rabbit polyclonal antibody raised against an internal region of human HDAC4. The calculated molecular weight of HDAC4 is 106 kDa, but modified HDAC4 is about 140 kDa.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Aiwen Jiang	34694913	Mol Cell Biol	WB
Bin He	30443188	Int J Biol Sci	WB
Wanxin Shi	33019979	Biochem Biophys Res Commun	IF

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**

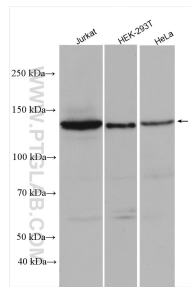
For technical support and original validation data for this product please contact:

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

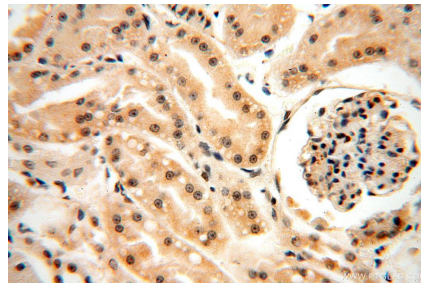
E: proteintech@ptglab.com
W: ptglab.com

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

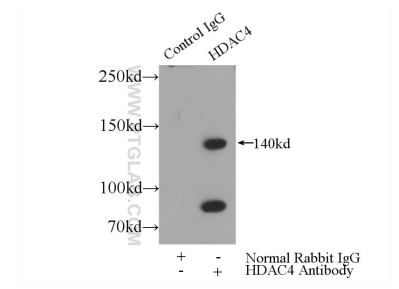
Ausgewählte Validierungsdaten



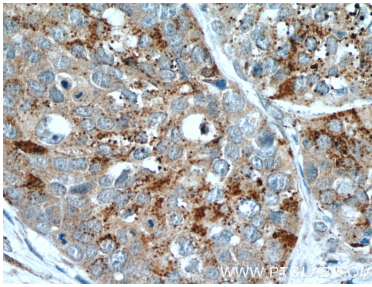
Various lysates were subjected to SDS PAGE followed by western blot with 17449-1-AP (HDAC4 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 17449-1-AP (HDAC4 antibody) at dilution of 1:100 (under 40x lens).



IP Result of anti-HDAC4 (IP:17449-1-AP, 4ug; Detection:17449-1-AP 1:500) with HeLa cells lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 17449-1-AP (HDAC4 Antibody) at dilution of 1:50 (under 40x lens).