

Nur für Forschungszwecke

HDAC6-specific Polyklonaler Antikörper



Katalog-Nr.:16167-1-AP

2 Publikationen

Allgemeine Informationen

Katalog-Nr.: 16167-1-AP	GenBank-Zugangsnummer: BC005872	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 1300 µg/ml von10013 Nanodrop und 547 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: histone deacetylase 6	Empfohlene Verdünnungen: WB 1:200-1:1000 IHC 1:20-1:200
Wirt: Kaninchen	Berechnete Masse: 131 kDa	
Isotyp: IgG	Beobachtete Masse: 130 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB,ELISA	Positivkontrollen: WB : MCF7 cells, HT-1080.Zellen, MCF-7-Zellen IHC : Maushirngewebe,
In Publikationen genannte Anwendungen: IHC, WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Maus, Ratte	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

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. At least 4 classes of HDAC were identified. HDAC6 is a member of the class II mammalian histone deacetylases. It possesses two separate putative catalytic domains. Both catalytic domains are fully functional HDACs and contribute independently to the overall activity of HDAC6 protein. A very potent NES is present at the amino-terminus of HDAC6, which was found to play an important role in regulating the shuttling of HDAC6 protein between cytoplasm and nucleus. The shuttling process may be a critical regulatory mechanism of HDAC6 function. The expression of HDAC6 is tightly linked to the state of cell differentiation. HDAC6 may participate in coordinating expression of a group of genes involved in the remodelling of chromatin during cell differentiation. This antibody is specific to HDAC6. It does not cross react with other HDACs.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jiajie Tu	35279703	Oncogene	WB,IHC
He Min M	23480850	J Cell Mol Med	WB

Lagerung

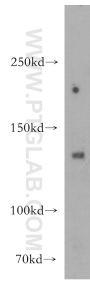
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

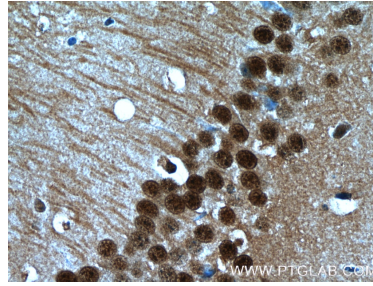
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



MCF7 cells were subjected to SDS PAGE followed by western blot with 16167-1-AP (HDAC6-specific antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 16167-1-AP (HDAC6-specific antibody at dilution of 1:50 (under 40x lens).