

Nur für Forschungszwecke

# HDAC3-specific Polyklonaler Antikörper



Katalog-Nr.:16164-1-AP

Vorgestelltes Produkt

## Allgemeine Informationen

Katalog-Nr.:

16164-1-AP

Größe:

150ul , Konzentration: 350 µg/ml von  
Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

GenBank-Zugangsnummer:

NM\_003883

GeneID (NCBI):

8841

Vollständiger Name:

histone deacetylase 3

Berechnete Masse:

49 kDa

Beobachtete Masse:

50 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000

## Anwendungen

Geprüfte Anwendungen:

WB, ELISA

Getestete Reaktivität:

Human

Positivkontrollen:

WB : HEK-293T-Zellen, HEK-293-Zellen, HeLa-Zellen,  
HL-60-Zellen, humanes Magengewebe, MOLT-4-Zellen,  
NCI-H1299-Zellen

## 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 a peptide mapping within human HDAC3. This antibody is specific to HDAC3, and will not cross react with other HDACs.

## 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

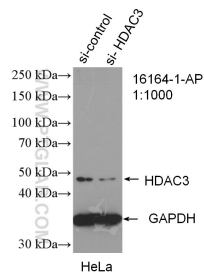
For technical support and original validation data for this product please contact:

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

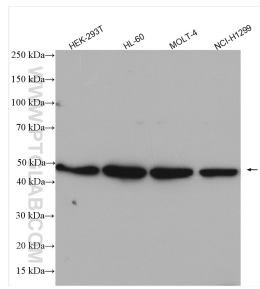
E: proteintech@ptglab.com  
W: ptglab.com

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

## Ausgewählte Validierungsdaten



WB result of HDAC3-specific antibody (16164-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HDAC3-specific transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 16164-1-AP (HDAC3-specific antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.