

For Research Use Only

# HDAC8 Polyclonal antibody, PBS Only

Catalog Number: 17548-1-PBS

Featured Product



## Basic Information

**Catalog Number:**

17548-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG11696

**GenBank Accession Number:**

BC050433

**GeneID (NCBI):**

55869

**UNIPROT ID:**

Q9BY41

**Full Name:**

histone deacetylase 8

**Calculated MW:**

377 aa, 42 kDa

**Observed MW:**

49 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IP, Indirect ELISA

**Species Specificity:**

human, mouse, rat

## Background Information

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. As a class I HDAC, HDAC 8 was primarily found in the nucleus. It catalyzes the deacetylation of lysine residues in the histone N-terminal tails and represses transcription in large multiprotein complexes with transcriptional co-repressors. This antibody is a rabbit polyclonal antibody raised against full length HDAC8 of human origin.

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS Only

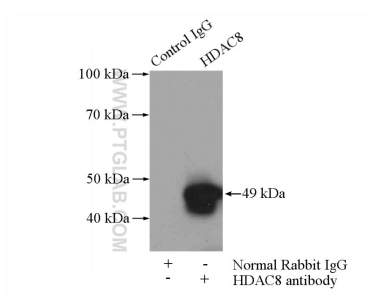
For technical support and original validation data for this product please contact:

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

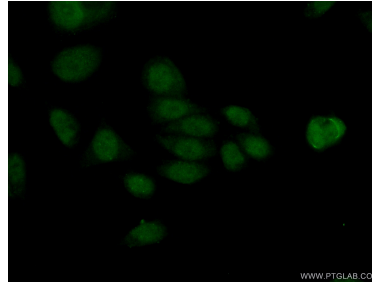
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data

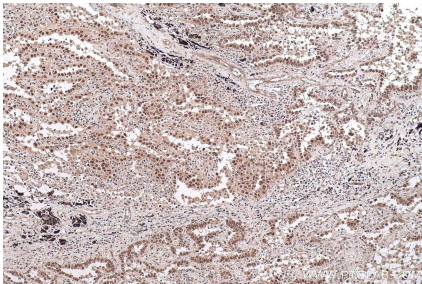


IP result of anti-HDAC8 (IP:17548-1-AP, 4ug; Detection:17548-1-AP 1:600) with Raji cells lysate 2800ug. This data was developed using the same antibody clone with 17548-1-PBS in a different storage buffer formulation.

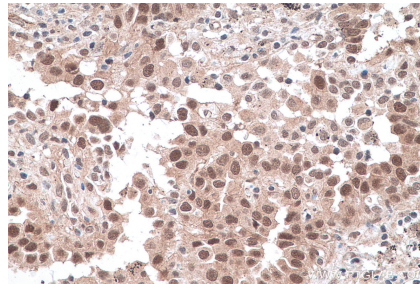


Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 17548-1-AP (HDAC8 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 17548-1-PBS in a different storage buffer formulation.

Various lysates were subjected to SDS PAGE followed by western blot with 17548-1-AP (HDAC8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17548-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 17548-1-AP (HDAC8 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17548-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 17548-1-AP (HDAC8 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17548-1-PBS in a different storage buffer formulation.