

HDAC8 Polyclonal antibody

Catalog Number: 17548-1-AP

Featured Product

20 Publications

Basic Information

Catalog Number:

17548-1-AP

Size:

300 µg/ml

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

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, IP, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

Positive Controls:

WB : HeLa cells, Raji cells

IP : Raji cells,

IF : HeLa cells,

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Hyuck Kim	27260468	J Nutr Biochem	WB
Xun Huang	30220457	Cell	WB
LISHA ZHENG	34738621	Int J Mol Med	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

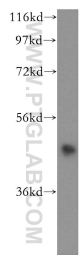
For technical support and original validation data for this product please contact:

T: 4006900926

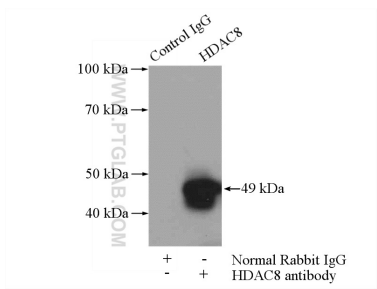
E: Proteintech-CN@ptglab.comW: ptgcn.com

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

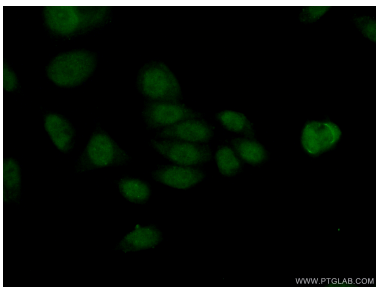
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 17548-1-AP (HDAC8 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-HDAC8 (IP:17548-1-AP, 4ug; Detection:17548-1-AP 1:600) with Raji cells lysate 2800ug.



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).