

For Research Use Only

HDAC10 Monoclonal antibody

Catalog Number: 67646-1-Ig



Basic Information

Catalog Number:

67646-1-Ig

Size:

1860 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG18470

GenBank Accession Number:

BC125083

GeneID (NCBI):

83933

UNIPROT ID:

Q96958

Full Name:

histone deacetylase 10

Calculated MW:

669 aa, 71 kDa

Observed MW:

70-75 kDa

Purification Method:

Protein A purification

CloneNo.:

1A1B11

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : LNCaP cells, HeLa cells, MCF-7 cells, HEK-293 cells, Jurkat cells, HSC-T6 cells, PC-12 cells, NIH/3T3 cells

Background Information

HDAC10, also named as Histone deacetylase 10, is a 669 amino acid protein, which is widely expressed with high levels in liver and kidney. HDAC10, which belongs to the class IIb subfamily, has an active deacetylase domain (DAC) and a catalytically inactive leucine-rich domain (LRD). HDAC10 is determined that it plays a role in homologous recombination, promotes autophagy and survival in neuroblastoma cells, suppresses cervical cancer metastasis and facilitates the cell cycle.

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:

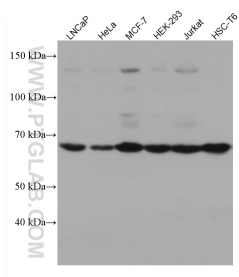
T: 4006900926

E: Proteintech-CN@ptglab.com

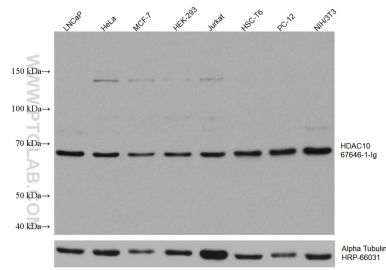
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67646-1-Ig (HDAC10 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 67646-1-Ig (HDAC10 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.