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HDAC11 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP14943C

Specification

HDAC11 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q96DB2
Other Accession	Q9GKU5, NP_079103.2
Reactivity	**Mouse**
Predicted	**Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
Calculated MW	**39183**
Antigen Region	**197-226**

HDAC11 Antibody (Center) - Additional Information

Gene ID 79885

Other Names
Histone deacetylase 11, HD11, HDAC11

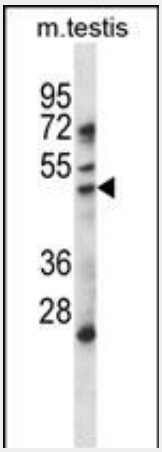
Target/Specificity
This HDAC11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 197-226 amino acids from the Central region of human HDAC11.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
HDAC11 Antibody (Center) is for research



HDAC11 Antibody (Center) (Cat. #AP14943c) western blot analysis in mouse testis tissue lysates (35ug/lane).This demonstrates the HDAC11 antibody detected the HDAC11 protein (arrow).

HDAC11 Antibody (Center) - Background

This gene encodes a class IV histone deacetylase. The
encoded protein is localized to the nucleus and may be involved in
regulating the expression of interleukin 10. Alternative splicing
results in multiple transcript variants.

HDAC11 Antibody (Center) - References

Janssen, C., et al. J. Neuropathol. Exp. Neurol. 69(6):573-581(2010)
Glozak, M.A., et al. J. Biol. Chem. 284(17):11446-11453(2009)
Georgopoulos, K. Nat. Immunol. 10(1):13-14(2009)
Villagra, A., et al. Nat. Immunol. 10(1):92-100(2009)
Fournel, M., et al. Mol. Cancer Ther. 7(4):759-768(2008)

use only and not for use in diagnostic or therapeutic procedures.

HDAC11 Antibody (Center) - Protein Information

Name HDAC11

Function
Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes.

Cellular Location
Nucleus. Note=Predominantly nuclear.

Tissue Location
Weakly expressed in most tissues. Strongly expressed in brain, heart, skeletal muscle, kidney and testis

HDAC11 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture