

HDAC11 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14943C**Specification**

HDAC11 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O96DB2
Other Accession	O9GKU5 , NP_079103.2
Reactivity	Mouse
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
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 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.

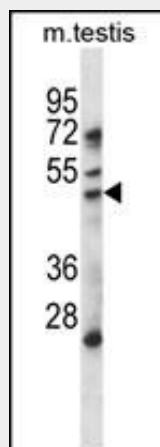
Tissue Location

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 Cytometry](#)
- [Cell Culture](#)

HDAC11 Antibody (Center) - Images

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)

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Villagra, A., et al. Nat. Immunol. 10(1):92-100(2009)
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