

HDAC11 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14943c**Specification**

HDAC11 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q96DB2](#)

HDAC11 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 79885

Other Names

Histone deacetylase 11, HD11, HDAC11

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HDAC11 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HDAC11 Antibody (Center) Blocking Peptide - Images

HDAC11 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - 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)