

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

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**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)